

Tencent Cloud Lighthouse

Getting Started

Product Documentation



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Getting Started

One-Click Application Creation Using Lighthouse

Last updated: 2022-08-15 18:03:47

This document describes how to use Lighthouse to quickly create an application. You can create and deploy an application with speed and ease as instructed in this document.

Step 1. Sign up and top up

1. [Sign up for a Tencent Cloud account](#).

If you already have a Tencent Cloud account, ignore this step.

2. [Top up](#).

Lighthouse instances are available through monthly subscription. To make a purchase, you need to top up your account as instructed in [Payment Methods](#).

Step 2. Select an application image during Lighthouse instance creation

1. Log in to the [Lighthouse console](#).
2. Click **Create** to enter the Lighthouse purchase page.

Tencent Cloud Lighthouse

Notice The new general bundles for Tencent Cloud Lighthouse have been launched. The original general and enterprise bundles will be discontinued on March 31, 2024. It is recommended to choose the new general bundles.

Application creation method

- Application template**
Automatically build up applications...
✓ Out-of-box service
✓ Suitable for quick build scenarios
- Based on the OS image**
Only the OS is pre-installed. You need ...
✓ Custom configuration
✓ Suitable for technical users
- Custom image**
Build up applications with custom...
✓ Replicate existing applications...
✓ Suitable for replication or migration...

Application template

All Websites Web Applications Developer Tools E-commerce Media Sharing Audio & Video Game

aaPanel WordPress (Selected) WooCommerce OpenFaaS
SRS Streaming Server Typecho Cloudfre Matomo
LAMP Node.js Thelia IDE PalWorld Windows...
PalWorld Ubuntu (Third party) Enshrouded (Third party) Docker K3s
ASP.NET

Region

China (Selected) Asia Pacific Europe and America

Hong Kong (China)

Lighthouse instances in different regions cannot communicate with each another over a private network. Selecting the region closest to your end users can minimize the access latency and improve download speed. After the creation, the region cannot be changed. [Region and connectivity](#)

Availability zone Random AZ

Bundle type General Type

Bundle specification

Bundle 1 (Selected)	Bundle 2	Bundle 3	Bundle 4	Bundle 5	Bundle 6
✓ CPU: 4 core (Dedicated) ✓ MEM: 8 GB ✓ System disk: 180GB SSD ✓ Bandwidth: 30 Mbps ✓ Transfer: 5 TB/month	✓ CPU: 4 core (Dedicated) ✓ MEM: 16 GB ✓ System disk: 220GB SSD ✓ Bandwidth: 35 Mbps ✓ Transfer: 6 TB/month	✓ CPU: 8 core (Dedicated) ✓ MEM: 16 GB ✓ System disk: 300GB SSD ✓ Bandwidth: 40 Mbps ✓ Transfer: 7 TB/month	✓ CPU: 8 core (Dedicated) ✓ MEM: 32 GB ✓ System disk: 380GB SSD ✓ Bandwidth: 45 Mbps ✓ Transfer: 8 TB/month	✓ CPU: 16 core (Dedicated) ✓ MEM: 32 GB ✓ System disk: 450GB SSD ✓ Bandwidth: 50 Mbps ✓ Transfer: 9 TB/month	✓ CPU: 16 core (Dedicated) ✓ MEM: 64 GB ✓ System disk: 540GB SSD ✓ Bandwidth: 55 Mbps ✓ Transfer: 10 TB/month

Get an auto-assigned static public IP for free. The outbound public network traffic beyond the transfer quota will incur additional fees. [Learn more](#)

Instance name (Optional) If it is left empty, a random name is generated in the format of "image 0/60"

Validity 1 month (Selected) 2 months 3 months 6 months 1 year 2 years 3 years More

Quantity - 1 +

Total fees 0.00 [Buy now](#)

- **Region:** We recommend you select a region near your target users to reduce the network latency and improve their access speed.
- **Availability zone:** Randomly assigned is selected by default. You can select one as well.
- **Image:** Select the required application. In this example, the **WordPress 5.7.1** application image is selected.
- **Instance bundle:** Select an instance bundle according to the required instance configuration (including CPU, memory, system disk, bandwidth, and data transfer plan).
- **Instance Name:** enter a custom instance name. If it is left empty, "image name–four random characters" will be used as the name by default. When instances are created in batches, their names will be consecutive with auto-incrementing suffixes. For example, if you enter "LH" as the name and select 3 as the quantity, 3 instances "LH1", "LH2", and "LH3" will be created.
- **Purchase period:** Default to 1 month.
- **Quantity:** One instance by default.

3. Click **Buy now**.

4. Make sure the configuration information is correct, click **Submit order** and make the payment as prompted.


After making the payment, the WordPress application will be successfully created. Then, you can log in to the instance and manage the application.

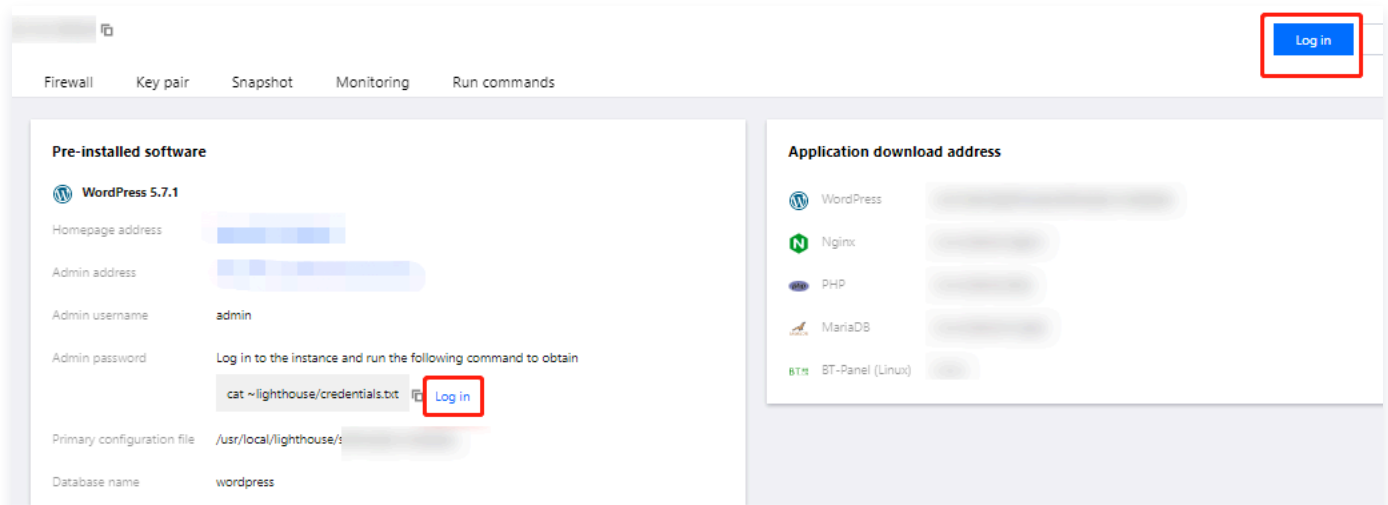
Step 3. Get the admin information

1. Log in to the [Lighthouse console](#) and select the target instance in the instance list to enter its details page.
2. Select the **Pre-installed application** tab, and enter the application details page.

Note:

Only the Lighthouse instance created with "application image" has the **Pre-installed application** tab.

3. In the **Application Software Info** column, click  to copy the command for getting the WordPress admin account and password.
4. In the **Pre-installed software** section, click **Log in**.



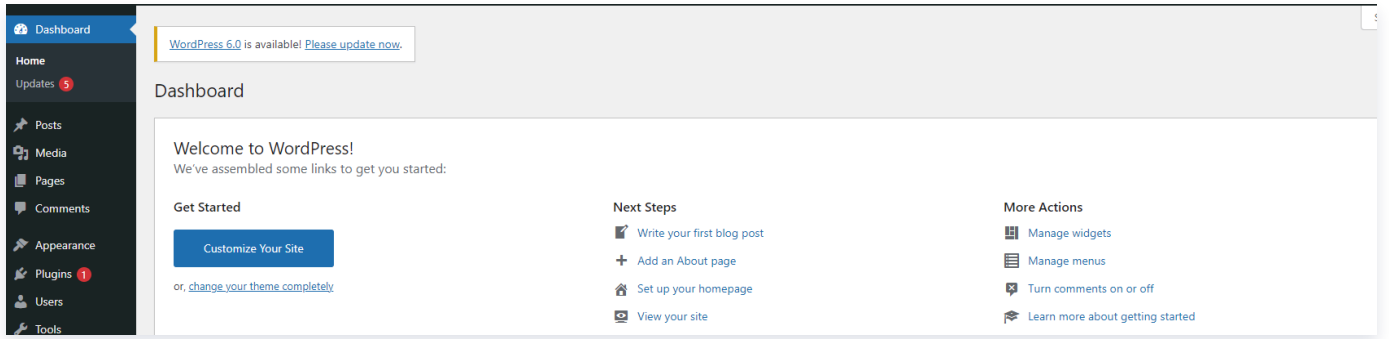
5. In the pop-up login window, paste the command obtained in [step 3](#) and press **Enter**. Then, you can obtain WordPress admin account (admin) and password (wordpress_password).

Step 4. Manage the application

1. In the **Pre-installed software** section, click **Admin address** of WordPress.
2. In the opened browser window, enter the account and password obtained in [Step 3. Get the admin information](#) and click **Log in**.

After successful login, you can manage, customize, and configure WordPress based on your actual needs

as shown below:



See Also

For more information on practical operations in different scenarios, see [Best Practices](#).

Quick Instance Creation

Creating a Linux Instance Quickly

Last updated: 2022-06-16 19:07:34

This document describes how to purchase and use a Lighthouse instance.

Step 1. Sign up and Top up

1. [Sign up for a Tencent Cloud account](#).

If you already have a Tencent Cloud account, ignore this step.

2. [Top up online](#).

Lighthouse instances are available through monthly subscription. To make a purchase, you need to top up your account as instructed in [Payment Methods](#).

Step 2. Purchase a Linux Lighthouse Instance

1. Log in to the [Lighthouse console](#).
2. Click **Create** to enter the Lighthouse purchase page.

Tencent Cloud Lighthouse

Notice The new general bundles for Tencent Cloud Lighthouse have been launched. The original general and enterprise bundles will be discontinued on March 31, 2024. It is recommended to choose the new general bundles.

Application creation method

- Application template**
 - Automatically build up applications...
 - Out-of-box service
 - Suitable for quick build scenarios
- Based on the OS image** (Selected)
 - Only the OS is pre-installed. You need ...
 - Custom configuration
 - Suitable for technical users
- Custom image**
 - Build up applications with custom...
 - Replicate existing applications...
 - Suitable for replication or migration...

OS image

- OpenCloudOS
- CentOS** (Selected)
- CentOS Stream
- Ubuntu
- Debian
- Windows Server

CentOS 7.6

CentOS
CentOS is a popular open source Linux distribution that is a recompilation of RHEL (Red Hat Enterprise Linux) source code. As announced officially, the expected EOL dates for CentOS 7 will be 2024-06-30. We recommend that you choose the OpenCloudOS 8 compatible with CentOS 8.

Region

- China** (Selected)
 - Hong Kong (China)
- Asia Pacific
- Europe and America

Lighthouse instances in different regions cannot communicate with each another over a private network. Selecting the region closest to your end users can minimize the access latency and improve download speed. After the creation, **the region cannot be changed.**
[Region and connectivity](#)

Availability zone Random AZ

Bundle type **General Type**

Bundle specification

<ul style="list-style-type: none"> CPU: 4 core (Dedicated) MEM: 8 GB System disk: 180GB SSD Bandwidth: 30 Mbps Transfer: 5 TB/month 	<ul style="list-style-type: none"> CPU: 4 core (Dedicated) MEM: 16 GB System disk: 220GB SSD Bandwidth: 35 Mbps Transfer: 6 TB/month 	<ul style="list-style-type: none"> CPU: 8 core (Dedicated) MEM: 16 GB System disk: 300GB SSD Bandwidth: 40 Mbps Transfer: 7 TB/month 	<ul style="list-style-type: none"> CPU: 8 core (Dedicated) MEM: 32 GB System disk: 380GB SSD Bandwidth: 45 Mbps Transfer: 8 TB/month 	<ul style="list-style-type: none"> CPU: 16 core (Dedicated) MEM: 32 GB System disk: 450GB SSD Bandwidth: 50 Mbps Transfer: 9 TB/month 	<ul style="list-style-type: none"> CPU: 16 core (Dedicated) MEM: 64 GB System disk: 540GB SSD Bandwidth: 55 Mbps Transfer: 10 TB/month
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Get an auto-assigned static public IP for free. **The outbound public network traffic beyond the transfer quota will incur additional fees.** [Learn more](#)

Instance name (Optional) If it is left empty, a random name is generated in the format of "image / 0/60"

Login credential **Random password** Custom password SSH key

Note An auto-generated password will be sent to you via Message Center. You can reset the password in the Lighthouse console.

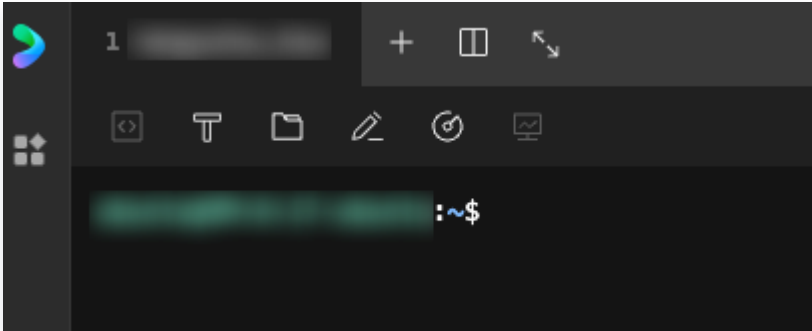
Validity **1 month** 2 months 3 months 6 months 1 year 2 years 3 years More **Quantity** - 1 + **Total fees** **Buy now**

- **Region:** We recommend you select a region near your target users to reduce the network latency and improve their access speed.
 - **Availability zone:** **Randomly assigned** is selected by default. You can select one as well.
 - **Image:** Select your desired Lighthouse OS. The CentOS 8.0 system image is selected here as an example.
 - **Instance bundle:** Select an instance package according to the required instance configuration (including CPU, memory, system disk, bandwidth, and monthly traffic).
 - **Instance name:** Enter a custom instance name. If it is left empty, an "image name + 4-digit random string" will be used as the name by default. When multiple instances are created in a batch, their names will be consecutive with auto-incrementing suffixes. For example, if you enter "LH" as the name and purchase three instances, the three instances are named "LH1", "LH2", and "LH3".
 - **Purchase period:** Default to 1 month.
 - **Quantity:** Default to 1.
3. Click **Buy now**.
 4. Confirm the configuration information is correct, click **Submit order** and make the payment as prompted.

After making the payment, the Lighthouse instance purchase will be successfully completed. Then, you can log in to the instance.

Step 3. Log in to the Linux Lighthouse Instance

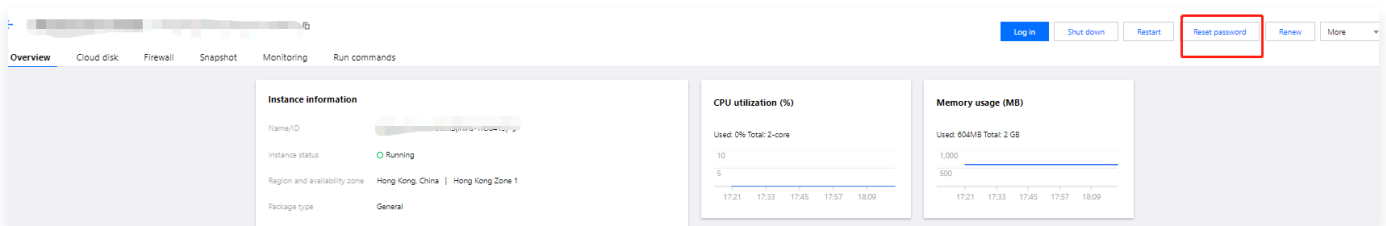
Log in to the [Lighthouse console](#), find the newly purchased instance in the instance list, and click **Log in**. Log in to the Linux instance through the OrcaTerm terminal without entering the password.



Step 4. Reset the Linux Lighthouse Instance Password

If you want to use an SSH key or a remote login application to connect to the Linux instance, [reset the password](#) or [set a key](#) first. Here password resetting is taken as an example, and operations should be performed based on your actual needs.

1. In the [Lighthouse console](#), find the newly purchased instance in the instance list, and enter its details page.
2. On the instance details page, click **Reset password** in the top-right corner.



3. In the **Reset password** pop-up window, enter and confirm the password as prompted.

Note:

- Passwords can be reset online and offline. If you opt for Reset Offline, you need to read the offline reset must-knows and check **I acknowledge the above statement**.
- If you use the Ubuntu image application to create an instance, the instance will disable login of the `root` user through password by default. To enable it, see [How do I log in to an instance as the root user on Ubuntu?](#)

Reset Online

Reset password ✕

You've selected 1 instance. [less](#) [Learn More](#)

Instance ID/name	Bundle configuration	Instance status	TencentCloud Automation Tools (TAT) ⓘ
[blurred]	[blurred]	Running	Running

ⓘ For Linux instances bound with SSH keys, after the password is reset, you can log in remotely with both the new password and the original SSH key.

Username: System default ▼
root

New password: Please enter the instance password 🔒

Confirm password: Please enter the instance password 🔒

Reset mode:

- Reset online**
Reset the password via the TAT agent without shutting down the instance. [Learn more](#) 🔗
- Reset offline**
You need to shut down the instance to reset the password.

OK Cancel

Reset Offline

Reset password ✕

You've selected 1 instance. [less](#) [Learn More](#)

Instance ID/name	Bundle configuration	Instance status	TencentCloud Automation Tools (TAT) ⓘ
[blurred]	[blurred]	Running	Running

ⓘ For Linux instances bound with SSH keys, after the password is reset, you can log in remotely with both the new password and the original SSH key.

Username: System default ▼
root

New password: Please enter the instance 🔒

Confirm password: Please enter the instance 🔒

Reset mode

Reset online
Reset the password via the TAT agent without shutting down the instance. [Learn more](#) 🔗

Reset offline
You need to shut down the instance to reset the password.

- Note that Running instances will be **shut down forcibly**.
- Forced shutdown may result in **data loss or file system corruption**. We recommend manually shutting down the instance before the operation.
- It may take a long time to forcibly shut down the instance.
- After the password is reset, running instances resume the Running status.

I acknowledge the above statement

OK Cancel

Creating a Windows Instance Quickly

Last updated: 2022-06-16 19:07:34

This document describes how to quickly purchase and use a Lighthouse instance.

Step 1. Sign up and Top up

1. [Sign up for a Tencent Cloud account](#).

If you already have a Tencent Cloud account, ignore this step.

2. [Top up online](#).

Lighthouse instances are available through monthly subscription. To make a purchase, you need to top up your account as instructed in [Payment Methods](#).

Step 2. Purchase a Windows Lighthouse Instance

1. Log in to the [Lighthouse console](#).
2. Click **Create** to enter the Lighthouse purchase page as shown below:

The screenshot displays the Tencent Cloud Lighthouse console interface. At the top, there's a navigation bar with 'Tencent Cloud', 'Purchase other cloud products', and user information. The main header reads 'Tencent Cloud Lighthouse' with links for 'Product Documentation', 'Pricing', and 'Console'. A notice banner states that new general bundles have been launched, effective from March 31, 2024.

The 'Application creation method' section offers three options: 'Application template' (highlighted), 'Based on the OS image' (selected), and 'Custom image'. The 'Based on the OS image' option is noted as pre-installed and suitable for technical users.

The 'OS image' section shows various operating systems: OpenCloudOS, CentOS, CentOS Stream, Ubuntu, Debian, and Windows Server (selected).

Below this, the 'Windows Server 2022 CN' bundle is selected. A detailed description of the Windows Server (DataCenter 64bit) bundle is provided, noting its suitability for enterprise applications and the importance of the region and connectivity.

The 'Region' section is set to 'China', with 'Hong Kong (China)' selected. A note indicates that the region cannot be changed after creation.

The 'Availability zone' is set to 'Random AZ'. The 'Bundle type' is 'General Type'. The 'Bundle specification' section shows several instance configurations.

At the bottom, there's a note about static public IP addresses and a 'Buy now' button. The 'Instance name' field is optional, and the 'Login password' is set to 'Random password'. The 'Validity' is set to '1 month' and the 'Quantity' is '1'.

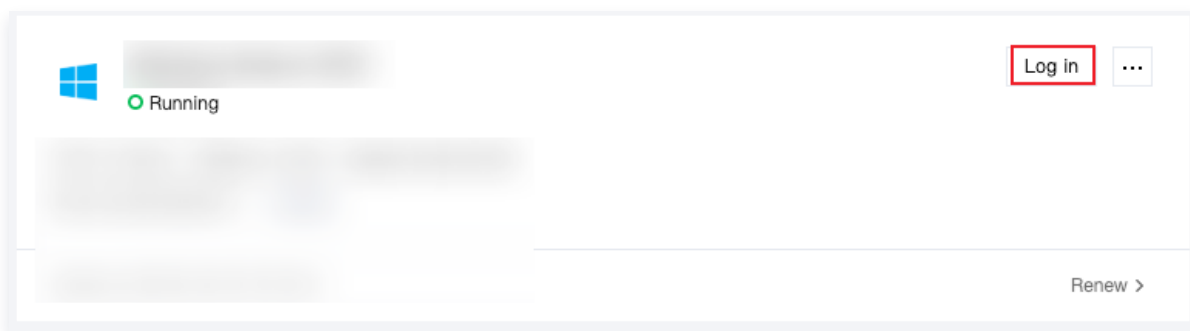
- **Region:** We recommend you select a region near your target users to reduce the network latency and improve their access speed.
- **Availability zone:** **Randomly assigned** is selected by default. You can select one as well.
- **Image:** Select an OS as needed. The Windows Server 2022 system image is selected here as an example.
- **Instance bundle:** Select an instance bundle according to the required instance configuration (including CPU, memory, system disk, bandwidth, and data transfer plan).
- **Instance name:** Enter a custom instance name. If it is left empty, an "image name + 4-digit random string" will be used as the name by default. When multiple instances are created in a batch, their names will be consecutive with auto-incrementing suffixes. For example, if you enter "LH" as the name and purchase three instances, the three instances are named "LH1", "LH2", and "LH3".
- **Login method:** If you select a Windows image, you can use this option to set the login password of the instance:
 - **Set password:** Set the custom password for instance login.
 - **Random password:** The system sends an automatically generated password to your [Message Center](#).
- **Purchase period:** Default to 1 month.
- **Quantity:** Default to 1.

3. Click **Buy now**.

4. After confirming the configuration information is correct, click **Submit order**, and make the payment as prompted.

Step 3. Log in to the Windows Lighthouse Instance

1. In the [Lighthouse console](#), find the newly purchased instance in the instance list, and click **Log in**. Log in to Windows instances via the OrcaTerm terminal.



2. In the pop-up login window, enter your password and click **Log in** to access the instance.

Log in ×


RDP AUTO SSH


Instance name/ID

User name

Port

Instance IP

Verification method **Password** Secret 

Password 
[Forgot password?](#)

Save the login information for quick login. [How to log in quickly >](#)

Log in

Other login methods: [Log in via VNC ⓘ](#) | [Download RDP File ↓](#)

- Make sure the remote login port used by [OrcaTerm proxy IPs](#) is allowed in

[Browse All Notices](#) ▾

Moreover, you may remotely connect to Windows instances via **VNC** or **local RDP tools** (such as Windows' built-in MSTSC).