

Alibaba Cloud CLI

Installation Guide

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Document conventions

Style	Description	Example
	A danger notice indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.	 Danger: Resetting will result in the loss of user configuration data.
	A warning notice indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.	 Warning: Restarting will cause business interruption. About 10 minutes are required to restart an instance.
	A caution notice indicates warning information, supplementary instructions, and other content that the user must understand.	 Notice: If the weight is set to 0, the server no longer receives new requests.
	A note indicates supplemental instructions, best practices, tips, and other content.	 Note: You can use Ctrl + A to select all files.
>	Closing angle brackets are used to indicate a multi-level menu cascade.	Click Settings > Network > Set network type.
Bold	Bold formatting is used for buttons, menus, page names, and other UI elements.	Click OK.
Courier font	Courier font is used for commands.	Run the <code>cd /d C:/window</code> command to enter the Windows system folder.
Italic	Italic formatting is used for parameters and variables.	<code>bae log list --instanceid Instance_ID</code>
[] or [a b]	This format is used for an optional value, where only one item can be selected.	<code>ipconfig [-all -t]</code>

Style	Description	Example
{ } or {a b}	This format is used for a required value, where only one item can be selected.	switch {active stand}

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1 Windows

This topic describes how to use an installation package to install Alibaba Cloud CLI on a windows operating system.

Procedure

1. Download the installation package for Windows.

You can download the installation package from:

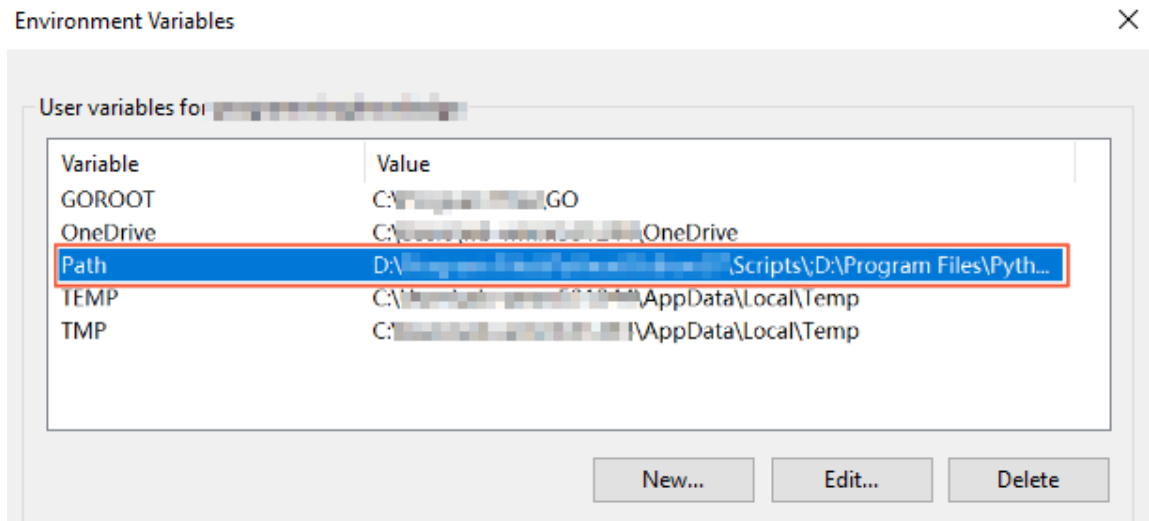
- [Official website](#): Use this link to download the latest version of Alibaba Cloud CLI directly.
- [GitHub](#): Download the Alibaba Cloud CLI of the required version on GitHub.

2. Unzip the downloaded file to get the executable file named `aliyun.exe`.

3. Configure environment variables.

To add the path of the directory where the aliyun.exe file is located to the **Path** environment variable, follow these steps:

- a) Open the environment variable graphical interface. In the user variable set, select the **Path** variable, and click **Edit**.



- b) Enter the path to the directory where the aliyun.exe file is located.
- c) Click **OK** on the Edit environment variables dialog box, then **OK** on the Environment variables dialog box.
- d) Optional: Open the terminal and run the following command to check whether the environment variable is configured successfully.

- CMD terminal:

```
set path
```

- PowerShell terminal:

```
$env:path
```

After the environment variables are configured, you can use the Alibaba Cloud CLI directly on your terminal.

4. Optional: Run the following command on the terminal to check whether Alibaba Cloud CLI is installed successfully.

```
aliyun version
```

The system displays the current version number, which indicates that the installation is successful. The following is an example response:

```
3.0.16
```

2 Linux

This topic describes how to install Alibaba Cloud CLI on Linux by downloading the installation package.

Procedure

1. Download the installation package for Linux.

Download links:

- [Official website](#): Direct download link for the latest version of Alibaba Cloud CLI.
- [GitHub](#): Download the Alibaba Cloud CLI of the required version from GitHub.

Assume that you have downloaded the installation package named `aliyun-cli-linux-3.0.16-amd64.tgz` to the `$HOME/aliyun` directory.

2. Decompress the downloaded file to obtain the executable file named `aliyun`.

a) Run the following command to switch the current directory to `$HOME/aliyun`.

```
cd $HOME/aliyun
```

b) Run the following command to unzip the file `aliyun-cli-linux-3.0.16-amd64.tgz` to `$HOME/aliyun`.

```
tar xzvf aliyun-cli-linux-3.0.16-amd64.tgz
```

3. Set environment variables.



Note:

Before completing this step, make sure that the path `/usr/local/bin` exists in the system variable **PATH**. Otherwise, you must set available environment variables for `aliyun`.

Run the following command to copy `aliyun` to `/usr/local/bin`.

```
sudo cp aliyun /usr/local/bin
```

If you are the root user, remove the **sudo** command before you run the command.

After you set the environment variables for `aliyun`, you can start using Alibaba Cloud CLI on your terminal.

3 MacOS

This topic describes how to install Alibaba Cloud CLI on MacOS by downloading the installation package.

Procedure

1. Download the installation package for MacOS.

Download links:

- [Official website](#): Direct download link for the latest version of Alibaba Cloud CLI.
- [GitHub](#): Download the Alibaba Cloud CLI of the required version from GitHub.

Assume that you have downloaded the installation package named `aliyun-cli-macosx-3.0.16-amd64.tgz` to the `$HOME/aliyun` directory.

2. Decompress the downloaded file to obtain the executable file named `aliyun`.

a) Run the following command to switch the current directory to `$HOME/aliyun`.

```
cd $HOME/aliyun
```

b) Run the following command to unzip the file `aliyun-cli-macosx-3.0.16-amd64.tgz` to `$HOME/aliyun`.

```
tar xzvf aliyun-cli-macosx-3.0.16-amd64.tgz
```

3. Set environment variables.



Note:

Before completing this step, make sure that the path `/usr/local/bin` exists in the system variable **PATH**. Otherwise, you must set available environment variables for `aliyun`.

Run the following command to copy `aliyun` to `/usr/local/bin`.

```
sudo cp aliyun /usr/local/bin
```

If you are the root user, remove the **sudo** command before you run the command.

After you set the environment variables for `aliyun`, you can start using Alibaba Cloud CLI on your terminal.