

IBM Cloud CLI

Get started <

Getting started with the IBM Cloud CLI

Tutorials <

Creating and deploying apps by using the CLI

How to <

Installing the stand-alone IBM Cloud CLI

Installing the tools and plug-ins manually

Installing and using private endpoints

Extending IBM Cloud CLI with plug-ins

Working with multiple sessions with the IBM Cloud CLI

Enabling shell autocompletion for IBM Cloud CLI (Linux and macOS only)

Using quotation marks with strings in IBM Cloud CLI

Uninstalling the stand-alone IBM Cloud CLI

IBM Cloud CLI IDE Extensions >

Debugging >

Securing your connection when using the IBM Cloud CLI

Understanding high availability and disaster recovery for the IBM Cloud CLI

Logging in with a Compute Resource Token

Logging in as a Virtual Server Instance Compute Resource Identity

Reference <

General IBM Cloud CLI (ibmcloud) commands

IBM Cloud CLI platform commands >

IBM Cloud CLI classic infrastructure commands >

IBM Cloud CLI Developer Tools (ibmcloud dev) commands

Plug-ins for the IBM Cloud CLI >

Plug-ins for the standalone Cloud Foundry CLI >

SDKs for Mobile >

IBM Cloud CLI (ibmcloud) environment variables

IBM Cloud CLI quick reference >

Help <

FAQs for the IBM Cloud CLI

Troubleshooting for the IBM Cloud CLI

Expand all | Collapse all

← 🔍 🌐 English >


Getting started with the IBM Cloud CLI

Last updated 2022-09-08



In this tutorial, you install the IBM Cloud® Command Line Interface, along with the option to install popular plug-ins and tools so that you can work with apps, toolchains, pipelines, Kubernetes clusters, and more in IBM Cloud.


The installation command in this tutorial installs the latest stand-alone IBM Cloud CLI version available, with the option of installing the following tools manually:

- [Git](#)
- [Docker](#)
- [Helm](#)
- [kubect1](#)
- `curl` (Linux™ only)
- [IBM Cloud Functions plug-in](#)
- [IBM Cloud Object Storage plug-in](#)
- [IBM Cloud Container Registry plug-in](#)
- [IBM Cloud Kubernetes Service plug-in](#)

☒ **Tip:** Want to start working with the IBM Cloud CLI? Try out IBM Cloud Shell, which gives you a personal cloud-based shell workspace with the full IBM Cloud CLI and tons of command-line tools - no installation needed. To get started, click the Cloud Shell icon  in the IBM Cloud console menu bar. For more information, see [Getting started with IBM Cloud Shell](#).

Before you begin

- Depending on your [IBM Cloud® account type](#) , access to certain resources might be limited or constrained. Depending on your plan limits, certain capabilities that are required by some toolchains might not be available. For more information, see [Setting up your IBM Cloud account](#).
- You must use the stable channel for Docker with a minimum version of 1.13.1.
- For Linux™, install the [curl](#)  command for downloading packages through the command line. If `curl` is already installed, the installer updates it to the latest version.
- For Windows™, some functions are not supported unless you are running Windows™ 10 Pro.


☒ **Note:** If you need to use a 32-bit version of the CLI, or a previous version other than the latest for IBM Cloud Dedicated environments, see [IBM Cloud CLI releases](#) .

Step 1: Run the installation command

The latest version of the IBM Cloud CLI is installed when you run the command. As the CLI installs, keep an eye on the command line to authenticate as needed.


- For MacOS, run the following command:

```
curl -fsSL https://clis.cloud.ibm.com/install/osx | sh
```




- For Linux™, run the following command:

```
curl -fsSL https://clis.cloud.ibm.com/install/linux | sh
```



- For Windows™ 10 Pro, run the following command in PowerShell as an administrator:

```
iex (New-Object Net.WebClient).DownloadString('https://clis.cloud.ibm.com/install/powershell')
```



☒ **Tip:** To open PowerShell, right-click the Windows™ PowerShell icon, and select **Run as administrator**.

Feedback

IBM Cloud CLI

Get started

Getting started with the IBM Cloud CLI

Tutorials

Creating and deploying apps by using the CLI

How to

Installing the stand-alone IBM Cloud CLI

Installing the tools and plug-ins manually

Installing and using private endpoints

Extending IBM Cloud CLI with plug-ins

Working with multiple sessions with the IBM Cloud CLI

Enabling shell autocompletion for IBM Cloud CLI (Linux and macOS only)

Using quotation marks with strings in IBM Cloud CLI

Uninstalling the stand-alone IBM Cloud CLI

IBM Cloud CLI IDE Extensions

Debugging

Securing your connection when using the IBM Cloud CLI

Understanding high availability and disaster recovery for the IBM Cloud CLI

Logging in with a Compute Resource Token

Logging in as a Virtual Server Instance Compute Resource Identity

Reference

General IBM Cloud CLI (ibmcloud)



Getting started with the I


Last updated 2022-09-08

In this tutorial, you install the IBM Cloud® Command Line Interface (CLI) and popular plug-ins and tools so that you can work with IBM Cloud clusters, and more in IBM Cloud.


The installation command in this tutorial installs the following plug-ins, which are available, with the option of installing the following tools:

- [Git](#)
- [Docker](#)
- [Helm](#)
- [kubectl](#)
- [curl](#) (Linux™ only)
- [IBM Cloud Functions plug-in](#)
- [IBM Cloud Object Storage plug-in](#)
- [IBM Cloud Container Registry plug-in](#)
- [IBM Cloud Kubernetes Service plug-in](#)



Tip: Want to start working with the IBM Cloud CLI? The CLI gives you a personal cloud-based shell with access to a set of command-line tools - no installation needed. Click the icon  in the IBM Cloud console menu bar to get started [with IBM Cloud Shell](#).

Before you begin

- Depending on your [IBM Cloud® account type](#), some plug-ins might be limited or constrained. Depending on your plan, some plug-ins by some toolchains might not be available. For more information, see [Cloud account](#).
- You must use the stable channel for Docker with IBM Cloud.
- For Linux™, install the [curl](#)  command for Docker. If [curl](#) is already installed, the installer will skip this step.
- For Windows™, some functions are not supported.



Note: If you need to use a 32-bit version of the CLI, see the latest for IBM Cloud Dedicated environment.