

INVENTORYMANAGEMENTSYSTEMFORRETAILERS

Domain:CloudApplicationDevelopment

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InstallingIBMCloudCLI

TheIBMCloud®CommandLineInterfaceprovidescommandsfor managing resources in IBM Cloud. When you install thestandalone IBM Cloud CLI, you get only the CLI itself withoutanyrecommendedplug-insortools.

If you need to use a 32-bit version, or a previous version otherthanthelatestforIBMCloudDedicatedenvironments,seeIBMCloudCLI releases.

Installingwithaninstaller

Usethefollowingstepstoinstallthelateststand-aloneIBMCloudCLI:

- Use a browser to access the official [ibm-cloud-cli-releasesGitHub repository](#), and select the installer of your OS tobegin the download. The following operating systems aresupported:macOSX64-bit,Windows™64-bit,Linux™x8664-bit,andLinux™LE64-bit (ppc64le).

- Run the installer:
- For Mac and Windows™, run the installer.
- For Linux™, extract the package and run the install script.
- Log into IBM Cloud:
- `ibmcloud login`
- Now, you're ready to manage IBM Cloud resources. Enter `ibmcloud help` to view the command descriptions.

Installing from the shell

- To install the latest CLI for your OS from the shell manually, use the following command for your OS:
- For Mac, copy and paste the following command to a terminal and run it:
- `Curl -fsSL https://clis.cloud.ibm.com/install/osx | sh`
- For Linux™, copy and paste the following command to a terminal and run it:
- `Curl -fsSL https://clis.cloud.ibm.com/install/linux | sh`
- For Windows™, copy and paste the following command to a Windows™ PowerShell terminal console and run it:
- `Invoke-WebRequest -Uri https://clis.cloud.ibm.com/install/powershell -OutFile ibmcloud.ps1`
- If you encounter errors like "The underlying connection was closed: An unexpected error occurred on a send," make sure you have .NET Framework 4.5 or later installed. Also try to enable TLS 1.2 protocol by running the following command:

- [Net.ServicePointManager]::SecurityProtocol=[Net.SecurityProtocolType]::Tls12

Installing to a custom directory

When you use installers or shell scripts to install the IBM Cloud CLI, it is installed in your system directories. If you want to specify a different directory, use the following steps.

Note: you install the IBM Cloud CLI to a custom directory, the `ibmcloud update` command can't be used to update the CLI

- Use a browser to access the official `ibm-cloud-cli-releases` GitHub repository, and select the matching binary of your platform to begin the download. The following platforms are supported: macOS, linux32, linux64, ppc64le, win32, and win64.
- Extract the package to a directory that you specify. □ You can see the following extracted content:

- For Linux™ and Mac: IBM_Cloud_CLI
 - ├── LICENSE
 - ├── NOTICE
 - ├── autocomplete
 - | └── bash_autocomplete
 - | └── zsh_autocomplete
 - └── ibmcloud
 - └── ibmcloud-analytics

- For Windows™: IBM_Cloud_CLI

```
|—LICENSE
|—NOTICE
|—ibmcloud-analytics.exe |—
ibmcloud.exe
```

- Add to the PATH environment variable and enables shell auto completion.
- Add the {YOUR_DIRECTORY}/IBM_CLOUD_CLI to the PATH environment variable.
- For shell auto completion support (Mac and Linux™ only), see Enabling shell auto completion for IBM Cloud CLI.

Updating the IBM Cloud CLI

You must use the latest version of the CLI. If you aren't using the latest version, run the following command to update your CLI:

```
ibmcloud update
```

To determine your IBM Cloud CLI version, run the following command:

```
ibmcloud -v
```

If you are running the current release, the following output is displayed:

```
Checking for updates...
```

```
No update required. Your CLI is
```

To get notified about new IBM Cloud CLI releases, subscribe to the IBM Cloud CLI releases repository

Installers

MacOSX64bit

MacOSXM1/ARM(as-is)Windows64 bit

Windows32bitHuLi
nux 64bit

Linux 64 bit ARM (as-is)Linux 32bit

Power Linux 64
bitSystem/390Linux64b
it

Binaries

MacOSX64bit

MacOSXM1/ARM(as-is)Windows64 bit

Windows32bit
Linux64bit

Linux 64 bit ARM (as-is)Linux 32bit

Power Linux 64
bitSystem/390Linux64b
it

Bug Fixes

Upgradesslplug-
into1.0.9,removingpanicwhentheLANGenvironment
settingis missing