

# INVENTORY MANAGEMENT SYSTEM FOR RETAILERS

**Domain:** Cloud Application Development

**Team id:** PNT2022TMID53401

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## Installing IBM Cloud CLI

The IBM Cloud® Command Line Interface provides commands for managing resources in IBM Cloud. When you install the standalone IBM Cloud CLI, you get only the CLI itself without any recommended plug-ins or tools.

If you need to use a 32-bit version, or a previous version other than the latest for IBM Cloud Dedicated environments, see IBM Cloud CLI releases.

### Installing with an installer

Use the following steps to install the latest stand-alone IBM Cloud CLI:

- Use a browser to access the official [ibm-cloud-cli-releases](#) GitHub repository, and select the installer of your OS to begin the download. The following operating systems are supported: macOS X 64-bit, Windows™ 64-bit, Linux™ x86 64-bit, and Linux™ LE 64-bit (ppc64le).

- Run the installer:
- For Mac and Windows™, run the installer.
- For Linux™, extract the package and run the install script.
- Log in to 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 https://clis.cloud.ibm.com/install/powershell`
- 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 a shell script 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 enable shell autocompletion.
- Add the {YOUR\_DIRECTORY}/IBM\_CLOUD\_CLI to the PATH environment variable.
- For shell autocompletion support (Mac and Linux™ only), see Enabling shell autocompletion 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**

Mac OS X 64 bit  
Mac OS X M1/ARM (as-is)  
Windows 64 bit  
Windows 32 bit  
Linux 64 bit  
Linux 64 bit ARM (as-is)  
Linux 32 bit  
Power Linux 64 bit  
System/390 Linux 64 bit

### **Binaries**

Mac OS X 64 bit  
Mac OS X M1/ARM (as-is)  
Windows 64 bit  
Windows 32 bit  
Linux 64 bit  
Linux 64 bit ARM (as-is)  
Linux 32 bit  
Power Linux 64 bit  
System/390 Linux 64 bit

### **Bug Fixes**

Upgrades sl plug-in to 1.0.9, removing panic when the  
LANG environment setting is missing