

News Tracker Application

Domain: Cloud Application Development

Team id: PNT2022TMID05649

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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.

```
Administrator: Windows PowerShell
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\WINDOWS\system32> iex (New-Object Net.WebClient).DownloadString('https://clis.cloud.ibm.com/install/powershell')
Current platform is Win64. Downloading corresponding IBM Cloud CLI...
Download complete. Executing installer...
Install complete. Please restart to make the modification effective.
PS C:\WINDOWS\system32>
```

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.

```

Administrator: Windows PowerShell
PS C:\WINDOWS\system32> ibmcloud help
NAME:
  C:\Program Files\IBM\Cloud\bin\ibmcloud.exe - A command line tool to interact with IBM Cloud
  Find more information at: https://ibm.biz/cli-docs

USAGE:
  [environment variables] C:\Program Files\IBM\Cloud\bin\ibmcloud.exe [global options] command [arguments...] [command options]

VERSION:
  2.12.1+b8488a1-2022-10-31T15:08:10+00:00

COMMANDS:
  account      Manage accounts, users, orgs and spaces
  api          Set or view target API endpoint
  billing      Retrieve usage and billing information
  catalog      Manage catalog
  cf           Run Cloud Foundry CLI with IBM Cloud CLI context
  config       Write default values to the config
  dev          Create, develop, deploy, and monitor applications
  enterprise   Manage enterprise, account groups and accounts.
  iam         Manage identities and access to resources
  login        Log user in
  logout       Log user out
  plugin       Manage plug-ins and plug-in repositories
  regions      List all the regions
  resource     Manage resource groups and resources
  resources    List all resources
  sl           Manage Classic infrastructure services
  target       Set or view the targeted region, account, resource group, org or space
  update       Update CLI to the latest version
  version      Print the version
  help, h     Show help

Enter 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe help [command]' for more information about a command.

ENVIRONMENT VARIABLES:
  IBMCLD_COLOR=false          Do not colorize output
  IBMCLD_VERSION_CHECK=false  Do not check latest version for update
  IBMCLD_HTTP_TIMEOUT=5       A time limit for HTTP requests
  IBMCLD_API_KEY=api_key_value API Key used for login
  IBMCLD_CR_VPC_URL=url_value The custom server URL to use when obtaining an instance identity token and IAM token as a VPC VSI compute resource. This value will replace the default server endpoint of the VPC VSI instance identity token service.
  IBMCLD_CR_TOKEN=cr_token_value Compute resource token used for login. Can either be a token string or a path to a @file.
  IBMCLD_CR_PROFILE=profile_value The name, ID, or CRN of the linked trusted IAM profile to be used when obtaining the IAM access token. If authenticating as a VPC VSI compute resource, only specifying a trusted profile CRN or ID is supported.
  IBMCLD_TRACE=true           Print API request diagnostics to stdout
  IBMCLD_TRACE_PATH=to/trace.log Append API request diagnostics to a log file
  IBMCLD_HOME=to/dir          Path to config directory

GLOBAL OPTIONS:
  -version, -v               Print the version
  --help, -h                 Show help

```

```

Administrator: Windows PowerShell
PS C:\WINDOWS\system32> ibmcloud login
API endpoint: https://cloud.ibm.com

Email> manishsharky@gmail.com

Password>
Authenticating...
OK

Targeted account Manish Kumar's Account (c772b66ef1a74d748594335c08d148a3)

Select a region (or press enter to skip):
1. au-syd
2. in-che
3. jp-osa
4. jp-tok
5. kr-seo
6. eu-de
7. eu-gb
8. ca-tor
9. us-south
10. us-east
11. br-sao
Enter a number> 2
Targeted region in-che

API endpoint: https://cloud.ibm.com
Region: in-che
User: manishsharky@gmail.com
Account: Manish Kumar's Account (c772b66ef1a74d748594335c08d148a3)
Resource group: No resource group targeted, use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:
PS C:\WINDOWS\system32>

```

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 HYPERLINK "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 HYPERLINK`

["https://clis.cloud.ibm.com/install/linux"](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
- lex (New-Object Net.WebClient).DownloadString('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 autocomplete.
- Add the {YOUR_DIRECTORY}/IBM_CLOUD_CLI to the PATH environment variable.
- For shell autocomplete support (Mac and Linux™ only), see Enabling shell autocomplete 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 hu

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