

# Install

To install thesecretcli [download the latest version here](#). Download the appropriate version of thesecretcli based on the operating system you are using:

- secretcli-Linux
- secretcli-macOS
- secretcli-MacOS-arm64
- secretcli-Windows
- 

## Linux

After downloading secretcli-Linux you will need to navigate to the folder you have download it to make secretcli-Linux an executable program using a graphical user interface (GUI) or the command-line.

Note: Installing secretcli-Linux will ONLY give you access to thesecretcli commands. Forsecretcli andsecretd commands install one of the .deb packages.

## GUI

Right click on the secretcli-Linux file and select 'Properties', then select 'Permissions', and then check the 'Allow executing the file as program' box beside the 'Execute' column.

Make secretcli-Linux executable.

## Command-line

To make secretcli-Linux executable using the command-line navigate to where the file is located and use the following command:

```
---
```

Copy `chmod +x secretcli-Linux`

```
---
```

## Next Steps

You can now use thesecretcli by using the following command inside of the folder it is located in with:

```
---
```

Copy `./secretcli-Linux`

```
---
```

You will see some outputs related to available commands, flags, and usage.

It is recommended to rename seretcli-Linux to 'secretcli', and move the executable file into the correct location so it is automatically executable by typingsecretcli anywhere within the command-line.

To achieve this use the following commands in the directory containing secretcli-Linux:

```
---
```

Copy `sudo mv secretcli-Linux /usr/local/bin/secretcli`

```
---
```

Congrats! The secretcli is now installed!

## Mac

Download the correct version of thesecretcli for the Mac hardware on your system[here](#) . After downloading thesecretcli there are two steps required to allow your system to execute the cli.

First, open your terminal application and navigate to the directory containing thesecretcli file for your systems hardware. Once in the correct directory you will need to rename the file, and make the file executable using the following commands:

```
---
```

Copy

## for intel mac users use the command below

```
mvsecretcli-macOSsecretcli
```

## for arm64 mac users use the command below

```
mvsecretcli-MacOS-arm64secretcli
```

## Now make the file executable

```
chmod755secretcli
```

...

Mac users are required to perform another step after making thesecretcli executable on their machines. This is because MacOS cannot recognize the developer of the secretcli file. Try running the following command in the directory containing the executablesecretcli :

...

```
Copy ./secretcli
```

...

You will get a warning popup window with text similar to the following -->"secretcli" cannot be opened because the developer cannot be verified. There will be two options: move to trash or cancel. Select cancel.

In order to get your MacOS system to be able to execute thesecretcli , you will need to change the system preferences on your mac by going to the Apple menu

System Preferences > click Security & Privacy then click General.

You will see the text: "secretcli" was blocked from use because it is not from an identified developer. Click the 'Allow Anyway' button.

Now you should be able to use thesecretcli when inside of the folder it is found in:

...

```
Copy ./secretcli
```

...

You will see the following warning popup, click 'open'.

After clicking open you should see the following output in your terminal application:

...

```
Copy The Secret Network App Daemon (server)
```

```
Usage: secretd [command]
```

Available Commands: add-genesis-account Add a genesis account to genesis.json auto-register Perform remote attestation of the enclave check-enclave Test enclave status collect-gentxs Collect genesis txs and output a genesis.json file config Create or query an application CLI configuration file configure-secret After registration is successful, configure the secret node with the credentials file and the encrypted seed that was written on-chain debug Tool for helping with debugging your application export Export state to JSON gentx Generate a genesis tx carrying a self delegation help Help about any command init Initialize private validator, p2p, genesis, and application configuration files init-bootstrap Perform bootstrap initialization init-enclave Perform remote attestation of the enclave keys Manage your application's keys migrate Migrate genesis to a specified target version parse Verify and parse a certificate file query Querying subcommands reset-enclave Reset registration & enclave parameters rollback rollback cosmos-sdk and tendermint state by one height rosetta spin up a rosetta server start Run the full node status Query remote node for status tendermint Tendermint subcommands tx Transactions subcommands validate-genesis validates the genesis file at the default location or at the location passed as an arg version Print the application binary version information

Flags: --bootstrap Start the node as the bootstrap node for the network (only used when starting a new network) -h, --help help for secretd --home string directory for config and data (default "/Users/dawsonsewell/.secretd") --log\_format string The logging format (json|plain) (default "plain") --log\_level string The logging level (trace|debug|info|warn|error|fatal|panic) (default "info") --trace print out full stack trace on errors

Use "secretcli [command] --help" for more information about a command.

...

We recommend moving thesecretcli into your path to be able to use it anywhere within your systems terminal application with:

...

Copy mv secretcli /usr/local/bin

...

Congrats! The secretcli is now installed!

Windows (WSL)

secretcli-Linux is compatible for use within the Windows Subsystem for Linux (WSL). Follow the Linux Command-line instructions to install it.

Windows (Native)

After downloading secretcli-Windows you can now use thesecretcli by using the following command inside of the folder it is located in:

...

Copy ./secretcli-Windows

...

You will see some outputs related to available commands, flags, and usage.

It is recommended to rename seretcli-Windows to 'secretcli.exe', and move the executable file to a location where it is automatically executable by typingsecretcli anywhere within the command-line.

To achieve this use the following commands in a Powershell terminal, in the directory containing secretcli-Windows:

...

Copy mkdir"home\appdata\local\secretcli" mv secretcli-Windows"home/appdata/local/secretcli/secretcli.exe"  
old\_path=[Environment::GetEnvironmentVariable\('path','user'\)](#); new\_path=old\_path+';'+ "home\appdata\local\secretcli"

...

Restart your terminal and test the installation by running:

...

Copy secretcli

...

Update SecretCLI (Windows)

To update or install a different version of SecretCLI on Windows, download the release of secretcli-Windows and move it to the correct location:

...

Copy mv secretcli-Windows"home/appdata/local/secretcli/secretcli.exe"

...

The other commands do not need to be run again if they have already been run on your account.

Last updated3 months ago On this page \*[Linux](#) \* [Mac](#) \* [Windows \(WSL\)](#) \* [Windows \(Native\)](#)

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