

PASSWORD MANAGER > DEVELOPER TOOLS

Password Manager CLI

View in the help center: https://bitwarden.com/help/cli/

Password Manager CLI

The Bitwarden command-line interface (CLI) is a powerful, fully-featured tool for accessing and managing your vault. Most features that you find in other Bitwarden client applications (desktop, browser extension, etc.) are available from the CLI.

```
~ $ bw --help
 Usage: bw [options] [command]
 Options:
   --pretty
                                             Format output. JSON is tabbed with two spaces.
                                             Return raw output instead of a descriptive message.
   --raw
                                             Return a JSON formatted version of response output.
   --response
                                             Don't return anything to stdout.
   --- auiet
   --session <session>
                                             Pass session key instead of reading from env.
   -v, --version
-h, --help
                                             output the version number
                                             output usage information
 Commands:
   login [options] [email] [password]
                                             Log into a user account.
                                             Log out of the current user account.
   logout
                                             Lock the vault and destroy active session keys.
   lock
   unlock [password]
                                             Unlock the vault and return a new session key.
   sync [options]
                                             Pull the latest vault data from server.
   list [options] <object>
                                             List an array of objects from the vault.
   get [options] <object> <id>
                                             Get an object from the vault.
   create [options] <object> [encodedJson] Create an object in the vault.
   edit <object> <id> [encodedJson]
                                             Edit an object from the vault.
   delete [options] <object> <id>
                                             Delete an object from the vault.
   export [options] [password]
                                             Export vault data to a CSV file.
   generate [options]
                                             Generate a password.
   encode
                                             Base 64 encode stdin.
   config <setting> <value>
                                             Configure CLI settings.
                                             Check for updates.
   update
```

Bitwarden CLI

The Bitwarden CLI is self-documented. From the command line, learn about the available commands using:

Bash		
bw ——help		

Or, pass --help as an option on any bw command to see available options and examples:

Bash			
bw listhelp			
bw movehelp			

Most information you'll need can be accessed using --help, however this article replicates all that information and goes into greater depth on some topics.

Download and install

The CLI can be used cross-platform on Windows, macOS, and Linux distributions. To download and install the Bitwarden CLI:

(i) Note

For arm64 devices, install the CLI using npm.

⇒Native Executable

Natively packaged versions of the CLI are available for each platform and have no dependencies. Download using one of these links:

- Windows x64
- macOS x64
- Linux x64

Note that, when using the downloaded native executable, you'll need to add the executable to your PATH or else run commands from the directory the file is downloaded to.

🖓 Tip

In Linux and UNIX systems, you might get a Permission denied message. If you do, grant permission by running:

Bash

chmod +x </path/to/executable>

For each bundle of the Password Manager CLI available on GitHub, there is an OSS (e.g. bw-oss-windows-2024.12.0.zip) and non-OSS build (e.g. bw-windows-2024.12.0.zip). The non-OSS version is the default package distributed on distribution platforms and includes features under a non-OSS license, such as device approval commands, that the OSS version lacks.

⊘ Tip

The Bitwarden Password Manager CLI build pipeline creates SHA-256 checksum files that are available on GitHub. Learn how to validate checksums for the CLI.

⇒NPM

If you have Node.js installed on your system, you can install the CLI using NPM. Installing with NPM is the simplest way to keep your installation up-to-date and should be the **preferred method for those already comfortable with NPM**:



(i) Note

Installing the Bitwarden CLI on Linux systems using npm may require the build-essential dependency (or distribution equivalent) to be installed first. For example:

Plain Text

apt install build-essential

⇒Chocolatey

To install with Chocolatey:

Bash
choco install bitwarden-cli

View the package on community.chocolatey.org.

⇒Snap

To install with snap:

Bash

sudo snap install bw

View the package on snapcraft.io.

Log in

Before logging in, make sure your CLI is connected to the correct server (for example, EU cloud or self-hosted) using the config command (learn more). There are three methods for logging in to the Bitwarden CLI using the login command, each of which is suited to different situations. Please review the following options to determine which method to use:

- Using email and master password
- Using an API key
- Using SSO

No matter which option you use, always be sure to use the bw lock or bw logout commands when you're finished.

♀ Tip

Logging in using email and master password uses your master password and can therefore string together the login and unlock commands to authenticate your identity and decrypt your vault in tandem. Using an API key or SSO will require you to follow-up the login command with an explicit bw unlock if you will be working with vault data directly.

This is because your master password is the source of the key needed to decrypt vault data. There are, however, a few commands that do not require your vault to be decrypted, including config, encode, generate, update, and status.

Using email and password

Logging in with email and password is recommended for interactive sessions. To log in with email and password:



This will initiate a prompt for your **Email Address**, **Master Password**, and (if enabled) at **Two-step Login code**. The CLI currently supports two-step login via authenticator, email, or Yubikey.

You *can* string these factors together into a single command as in the following example, however this isn't recommended for security reasons:



See Enums for two-step login <method> values.

∂ Tip

Getting prompted for additional authentication or getting a Your authentication request appears to be coming from a bot. error? Use your API Key client_secret to answer the authentication challenge. Learn more.

Using an API key

Logging in with the personal API key is recommended for automated workflows, for providing access to an external application, or if your account uses a 2FA method not supported by the CLI (FIDO2 or Duo). To log in with the API key:

Bash

bw login --apikey

This will initiate a prompt for your personal client_id and client_secret. Once your session is authenticated using these values, you can use the unlock command. Learn more.

⊘ Tip

If your organization requires SSO, you can still use --apikey to log in to the CLI.

Using API key environment variables

In scenarios where automated work is being done with the Bitwarden CLI, you can save environment variables to prevent the need for manual intervention at authentication.

Environment variable name	Required value
BW_CLIENTID	client_id
BW_CLIENTSECRET	client_secret

Using SSO

Logging in with SSO is recommended if an organization requires SSO authentication. To log in with SSO:

Bash		
bw loginsso		

This will initiate the SSO authentication flow in your web browser. Once your session is authenticated, you can use the unlock command. Learn more.



Log in to multiple accounts

Like using account switching on other Bitwarden apps, the CLI has the ability to log in to multiple accounts simultaneously using the BITW ARDENCLI_APPDATA_DIR environment variable pointing to the location of a bw configuration file, usually named data.json. You can, for example, set aliases in a .bashrc profile for two separate configurations:

Bash

alias bw-personal="BITWARDENCLI_APPDATA_DIR=~/.config/Bitwarden\ CLI\ Personal /path/to/bw \$@" alias bw-work="BITWARDENCLI_APPDATA_DIR=~/.config/Bitwarden\ CLI\ Work /path/to/bw \$@"

Using this example, you could then use login to two accounts by running first source /path/to/.bashrc, followed by bw-personal lo gin and bw-work login.

Unlock

Using an API key or SSO to log in will require you to follow-up the login command with an explicit by unlock if you'll be working with vault data directly.

Unlocking your vault generates a **session key** which acts as a decryption key used to interact with data in your vault. The session key must be used to perform any command that touches vault data (for example, list, get, edit). Session keys are valid until invalidated using bw lock or bw logout, however they will not persist if you open a new terminal window. Generate a new session key at any time using:

Bash
ow unlock

When you're finished, always end your session using the bw lock command.

Unlock options

You can use the --passwordenv <passwordenv> or --passwordfile <passwordfile> options with bw unlock to retrieve your master password rather than enter it manually, for example:

1. The following will look for an environment variable BW_PASSWORD. If BW_PASSWORD is non-empty and has correct values, the CLI will successfully unlock and return a session key:

Bash
bw unlockpasswordenv BW_PASSWORD

2. The following will look for the file ~Users/Me/Documents/mp.txt (which must have your master password as the first line). If the file is non-empty and has a correct value, the CLI will successfully unlock and return a session key:

Bash	
<pre>bw unlockpasswordfile ~/Users/Me/Documents/mp.txt</pre>	

🛆 Warning

If you use the --passwordfile option, protect your password file by locking access down to only the user who needs to run by unlock and only providing read access to that user.

Using a session key

When you unlock your vault using bw login with email and password or bw unlock, the CLI will return both an export BW_SESSION (Bash) and env: BW_SESSION (PowerShell) command, including your session key. Copy and paste the relevant entry to save the required environment variable.

With the BW_SESSION environment variable set, bw commands will reference that variable and can be run cleanly, for example:

Bash	
export BW_SESSION="5PBYGU+5yt3RHcCjoeJKx/wByU34vokGRZjXpSH7Ylo8w=="	
bw list items	

Alternatively, if you don't set the environment variable, you can pass the session key as an option with each bw command:

Bash	
bw list itemssession	"5PBYGU+5yt3RHcCjoeJKx/wByU34vokGRZjXpSH7Ylo8w=="

🖓 Tip

When you're finished, always end your session using the **bw lock** or **bw logout** commands. This will invalidate the active session key.

Core Commands

create

The create command creates a new object (item, attachment, and more) in your vault:



The create command takes encoded JSON. A typical workflow for creating an object might look something like:

1. Use the get template command (see get core commands for details) to output the appropriate JSON template for the object type.

2. Use a command-line JSON processor like jq to manipulate the outputted template as required.

3. Use the encode command (see details) to encode the manipulated JSON.

4. Use the create command to create an object from the encoded JSON.

For example:

Bash bw get template folder | jq '.name="My First Folder"' | bw encode | bw create folder or Bash bw get template item | jq ".name=\"My Login Item\" | .login=\$(bw get template item.login | jq '.use rname="jdoe" | .password="myp@ssword123"')" | bw encode | bw create item

Upon successful creation, the newly created object will be returned as JSON.

create other item types

The create command defaults to creating a login item, but you can use a command-line JSON processor like jq to change a .type= attribute to create other item types:

Name	Value
Login	.type=1
Secure note	.type=2
Card	.type=3
Identity	.type=4

For example, the following command will create a secure note:

Bash

bw get template item | jq '.type = 2 | .secureNote.type = 0 | .notes = "Contents of my Secure Not e." | .name = "My Secure Note"' | bw encode | bw create item

(i) Note

Notice in the above example that Secure Notes require a sub-template (.secureNote.type). You can view item type sub-templates using by get template (see here for details).

create attachment

The create attachment command attaches a file to an existing item.

Unlike other create operations, you don't need to use a JSON processor or encode to create an attachment. Instead, use the --fil e option to specify the file to attach and the --itemid option to specify the item to attach it to. For example:

Bash

bw create attachment --file ./path/to/file --itemid 16b15b89-65b3-4639-ad2a-95052a6d8f66

∏ Tip

If you don't know the exact itemid you want to use, use bw get item <search-term> to return the item (see details), including its id.

get

The get command retrieves a single object (item, username, password, and more) from your vault:

Bash

bw get (item|username|password|uri|totp|exposed|attachment|folder|collection|organization|org-colle ction|template|fingerprint) <id> [options]

The get command takes an item id or string for its argument. If you use a string (for example, anything other than an exact id), get will search your vault objects for one with a value that matches. For example, the following command would return a Github password:

Bash

bw get password Github

(i) Note

The get command can only return one result, so you should use specific search terms. If multiple results are found, the CLI will return an error.

get attachment

The get attachment command downloads a file attachment:

Bash

bw get attachment <filename> --itemid <id>

The get attachment command takes a filename and exact id. By default, get attachment will download the attachment to the current working directory. You can use the --output option to specify a different output directory, for example:

Bash

bw get attachment photo.png --itemid 99ee88d2-6046-4ea7-92c2-acac464b1412 --output /Users/myaccoun
t/Pictures/

(i) Note

When using --output, the path **must** end a forward slash (/) to specify a directory or a filename (/Users/myaccount/Picture s/photo.png).

get notes

The get notes command retrieves the note for any vault item:



The get notes command takes an exact item id or string. If you use a string (for example, anything other than an exact id), get note s will search your vault objects for one with a value that matches. For example, the following command would return a Github note:



get template

The get template command returns the expected JSON formatting for an object (item, item.field, item.login, and more):

Bash

bw get template (item|item.field|item.login|item.login.uri|item.card|item.identity|item.securenote|
folder|collection|item-collections|org-collection)

While you can use get template to output the format to your screen, the most common use-case is to pipe the output into a bw creat e operation, using a command-line JSON processor like jq and bw encode to manipulate the values retrieved from the template, for example:

Bash	
bw get template folder jq '.name="My First Folder"' bw encode bw create folder	

(i) Note

Any item.xxx template should be used as a sub-object to an item template, for example:

Bash
bw get template item jq ".name=\"My Login Item\" .login=\$(bw get template item.login jq '.username="jdoe" .password="myp@ssword123"')" bw encode bw create item

get fingerprint

Retrieve the fingerprint phrase of the current logged in user. You may specify userId directly, or use the shortcut me:



bw get fingerprint me

edit

The edit command edits an object (item, item-collections, etc.) in your vault:



The edit command takes an exact id (the object to edit) and encoded JSON (edits to be made). A typical workflow might look something like:

- 1. Use the get command (see details) to output the object to edit.
- 2. Use a command-line JSON processor like jq to manipulate the outputted object as required.
- 3. Use the encode command (see details) to encode the manipulated JSON.
- 4. Use the edit command (including the object id) to edit the object.

For example, to edit the password of a login item:



Or, to edit the collection(s) an item is in:



Or, to edit a collection:

Bash	
<pre>bw get org-collection ee9f9dc2-ec29-4b7f-9afb-aac8010631a1organizationid -ac63014988f5 jq '.name="My Collection"' bw encode bw edit org-collect 9afb-aac8010631a1organizationid 4016326f-98b6-42ff-b9fc-ac63014988f5</pre>	4016326f-98b6-42ff-b9fc ion ee9f9dc2-ec29-4b7f-

The edit command will perform a replace operation on the object. Once completed, the updated object will be returned as JSON.

list

The list command retrieves an array of objects (items, folders, collections, and more) from your vault:

Bash

bw list (items|folders|collections|organizations|org-collections|org-members) [options]

Options for the list command are **filters** used to dictate what will be returned, including --url <url>, --folderid <folderid>, --c ollectionid <collectionid>, --organizationid <organizationid> and --trash. Any filter will accept null or notnull. Combining multiple filters in one command will perform an OR operation, for example:

Bash

bw list items -- folderid null -- collectionid null

This command will return items that aren't in a folder or collection.

Additionally, you can **search** for specific objects using <u>--search</u> <u><search-term></u>. Combining filter and search in one command will perform an AND operation, for example:



This command will search for items with the string github in the specified folder.

delete

The delete command deletes an object from your vault. delete takes only an exact id for its argument.

Bash
 <pre>bw delete (item attachment folder org-collection) <id> [options]</id></pre>

By default, delete will send an item to the Trash, where it will remain for 30 days. You can permanently delete an item using the -p, --p ermanent option.

Bash	
bw delete item 7063feab-4b10-472e-b64c-785e2b870b92permanent	

To delete an org-collection, you'll also need to specify --organizationid <organizationid>. See Organization IDs.

▲ Warning

While items that are deleted using delete can be recovered using the restore command for up to 30 days (see details), items that are deleted using delete --permanent are completely removed and irrecoverable.

restore

The restore command restores a deleted object from your trash. restore takes only an exact id for its argument.

Bash

bw restore (item) <id> [options]

For example:



send

The send command creates a Bitwarden Send object for ephemeral sharing. This section will detail simple send operations, however send is a highly flexible tool and we recommend referring to the dedicated article on Send from CLI.

To create a simple text Send:

Bash
bw send -n " My First Send" -d 7hidden "The contents of my first text Send."

To create a simple file Send:

Bash	
bw send -n "A Sensitive File" -d 14 -f /Users/my_account/Documents/sensitive_file.pdf	

receive

The receive command accesses a Bitwarden Send object. To receive a Send object:



Organizations commands

Organization IDs

Accessing an organization from the CLI requires knowledge of an ID for your organization, as well as IDs for individual members and collections.

Retrieve this information directly from the CLI using **bw** list, for example:

Bash

bw list organizations

- bw list org-members --organizationid 4016326f-98b6-42ff-b9fc-ac63014988f5
- bw list org-collections --organizationid 4016326f-98b6-42ff-b9fc-ac63014988f5

♀ Tip

You can by list both collections and org-collections. The by list collections command will list all collections, agnostic of which organization they belong to by list org-collections will list only collections that belong to the organization specified using --organizationid.

move

(i) Note

August 2021: The share command has been changed to move. Find out more.

The move command transfers a vault item to an organization:

Bash bw move <itemid> <organizationid> [encodedJson]

The move command requires you to encode a collection ID, and takes an exact id (the object to share) and an exact organizationi d (the organization to share the object to). For example:

Bash
echo '["bq209461-4129-4b8d-b760-acd401474va2"]' bw encode bw move ed42f44c-f81f-48de-a123-ad010
13132ca dfghbc921-04eb-43a7-84b1-ac74013bqb2e

Once completed, the updated item will be returned.

confirm

The confirm command confirms invited members to your organization who have accepted their invitation:

Bash

bw confirm org-member <id> --organizationid <orgid>

The confirm command takes an **exact** member id and an **exact** organizationID, for example:

Bash

bw confirm org-member 7063feab-4b10-472e-b64c-785e2b870b92 --organizationid 310d5ffd-e9a2-4451-af87 -ea054dce0f78

Device approval

Allows admins and owners to manage device approval requests where a user has requested admin approval.

(i) Note

At this time, bulk device approval is only available for the Bitwarden CLI client downloaded from Bitwarden.com.

🗥 Warning

In most scenarios, users are able to approve their own login requests, and admin device approval is not necessary. See Add a trusted device. Automatic or bulk approval of admin device approval requests neglect verification steps that administrators can perform in order to ensure a request is legitimate, such as checking the user's reported Fingerprint Phrase.

Bitwarden recommends that significant security controls such as IdP credential standards, IdP MFA, and IdP device registration and trust be reviewed before enabling and using bulk device approval.

The list command will show all pending device approval requests for an organization:

Plain Text

bw device-approval list --organizationid <organization_Id>

The approve command is used to approve pending device authorization requests for an organization:

Plain Text

bw device-approval approve --organizationid <organizationId> <requestId>

Similarly, approve-all command can be used to approve all current pending requests:

Plain Text

bw device-approval approve-all _-organization <organizationId>

To deny a pending authorization request:

Plain Text

bw device-approval deny --organizationid <organizationId> <requestId>

To deny-all pending authorization requests:



Other commands

config

The config command specifies settings for the Bitwarden CLI to use:

Bash

bw config server <setting> [value]

A primary use of **bw** config is to connect your CLI to a self-hosted Bitwarden server:

Bash	
bw config server https://your.bw.domain.com	

∏ Tip

Connect to the Bitwarden EU server by running the following command:

Bash

bw config server https://vault.bitwarden.eu

Pass by config server without a value to read the server you're connected to.

Users with unique setups may elect to specify the URL of each service independently. Note that any subsequent use of the config command will overwrite all previous specifications, so this must be run as a single command each time you make a change:

Bash

bw config server --web-vault <url> \
 --api <url> \
 --identity <url> \
 --icons <url> \
 --notifications <url> \
 --events <url> \
 --key-connector <url>

(i) Note

The bw config server --key-connector <url> command is required if your organization uses Key Connector and you're using the --apikey option to login after having removed your master password.

Contact an organization owner to get the required URL.

sync

The sync command downloads your encrypted vault from the Bitwarden server. This command is most useful when you have changed something in your Bitwarden vault on another client application (for example web vault, browser extension, mobile app) since logging in on the CLI.

Bash			
bw sync			

You can pass the --last option to return only the timestamp (ISO 8601) of the last time a sync was performed.

⊘ Tip

It's important to know that sync only performs a pull from the server. Data is automatically pushed to the server any time you make a change to your vault (for example, create, edit, delete).

encode

The encode command Base 64 encodes stdin. This command is typically used in combination with a command-line JSON processor like jq when performing create and edit operations, for example:



import

The import command imports data from a Bitwarden export or other supported password management application. The command must be pointed to a file and include the following arguments:



For example:

Bash

bw import lastpasscsv /Users/myaccount/Documents/mydata.csv

🖓 Tip

Bitwarden supports lots of formats for import, too many to list here! Use bw import --formats to return the list in your CLI, or see here.

If you are importing an encrypted .json file that you've created with a password, you will be prompted to enter the password before import completes.

import to an organization vault

Using the import command with the --organizationid option, you can import data to an organization vault:



export

The export command exports vault data as a . j son or . csv, or encrypted .json file:

Bash

```
bw export [--output <filePath>] [--format <format>] [--password <password>] [--organizationid <orgi
d>]
```

By default, the export command will generate a . CSV (equivalent to specifying --format csv) to the current working directory, however you can specify:

- -- format json to export a . json file
- -- format encrypted_j son to export an encrypted .json file
 - --password <password> to specify a password to use to encrypt encrypted_json exports instead of your account encryption key
- --output <path> to export to a specific location
- -- raw to return the export to stdout instead of to a file

export from an organization vault

Using the export command with the --organizationid option, you can export an organization vault:

Bash bw export --organizationid 7063feab-4b10-472e-b64c-785e2b870b92 --format json --output /Users/myacc

ount/Downloads/

generate

The generate command generates a strong password or passphrase:



By default, the generate command will generate a 14-character password with uppercase characters, lowercase characters, and numbers. This is the equivalent of passing:



You can generate more complex passwords using the options available to the command, including:

- --uppercase, -u (include uppercase)
- --lowercase, -l (include lowercase)
- ---number, --n (include numbers)
- --special, -s (include special characters)
- --length <length> (length of the password, min of 5)

generate a passphrase

Using the generate command with the --passphrase option, you can generate a passphrase instead of a password:



By default, by generate --passphrase will generate a three-word passphrase separated by a dash (-). This is the equivalent of passing:

Bash bw generate ---passphrase ---words 3 ---separator -

You can generate a complex passphrase using the options available to the command, including:

- --words <words> (number of words)
- --separator <separator> (separator character)
- --capitalize, -c (include to title-case the passphrase)
- --includeNumber (include numbers in the passphrase)

update

The update command checks whether your Bitwarden CLI is running the most recent version. update doesn't automatically update the CLI for you.



If a new version is detected, you'll need to download the new version of the CLI using the printed URL for the executable, or using the tools available for the package manager you used to download the CLI (for example, npm install –g @bitwarden/cli).

U bitwarden

status

The status command returns status information about the Bitwarden CLI, including configured server URL, timestamp for the last sync (ISO 8601), user email and ID, and the vault status.

	Bash
	bw status
St	atus will return information as a JSON object, for example:

Bash
{
"serverUrl": "https://bitwarden.example.com",
"lastSync": "2020-06-16T06:33:51.419Z",
"userEmail": "user@example.com",
"userId": "00000000-0000-0000-0000000000000",
"status": "unlocked"
}

status may be one of the following:

- "unlocked", indicating you are logged in and your vault is unlocked (a BW_SESSION key environment variable is saved with an active session key)
- "locked", indicating you are logged in but your vault is locked (no BW_SESSION key environment variable is saved with an active session key)
- "unauthenticated", indicating you aren't logged in

⊘ Tip

When "status": "unauthenticated", lastSync, userEmail, and userID will always return null.

serve

The serve command starts a local express web server that can be used to take all actions accessible from the CLI in the form of RESTful API calls from an HTTP interface.



By default, serve will start the web server at port 8087 however you can specify an alternate port with the --port option.

By default, serve will bind your API web server to localhost however you can specify an alternate hostname with the --hostname option. API requests can only be made from the bound hostname.

By default, serve will block any request with an Origin header. You can circumvent this protection using the --disable-origin-prot ection option, however this is not recommended.

∆ Warning

You can specify --hostname all for no hostname binding, however this will allow any machine on the network to make API requests.

View the API spec for help making calls with serve.

Debug

The debug environment variable can be added for additional troubleshooting information.

Plain Text		
export BITWARDENCLI_DEBUG=true		

Appendices

Global options

The following options are available globally:

Option	Description
pretty	Format output. JSON is tabbed with two spaces.
raw	Return raw output instead of a descriptive message.
response	Return a JSON formatted version of response output.
quiet	Don't return anything to stdout. You might use this option, for example, when piping a credential value to a file or application.
nointeraction	Do not prompt for interactive user input.

Option	Description
session <sessi on></sessi 	Pass session key instead of reading from an environment variable.
-v,version	Output the Bitwarden CLI version number.
-h,help	Display help text for the command.

ZSH shell completion

The Bitwarden CLI includes support for ZSH shell completion. To setup shell completion, use one of the following methods:

1. Vanilla ZSH: Add the following line to your . zshrc file:

Bash		
eval "\$(bw completions	shell zsh); compdef _bw bw;"	

2. Vanilla (vendor-completions): Run the following command:



3. zinit: Run the following commands:

Bash	
<pre>bw completionshell zsh > ~/.local/share/zsh/completions/_bw zinit creinstall ~/.local/share/zsh/completions</pre>	

Using self-signed certificates

If your self-hosted Bitwarden server exposes a self-signed TLS certificate, specify the Node.js environment variable NODE_EXTRA_CA_CERTS:

👌 🗯 Bash

Bash

export NODE_EXTRA_CA_CERTS="absolute/path/to/your/certificates.pem"

FowerShell

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<pre>\$env:NODE_EXTRA_CA_CERTS="absolute/path/to/your/certificates.pem"</pre>	

Enums

The following tables enumerate values required in documented scenarios:

Two-step login methods

Used to specify which two-step login method to use when logging in:

Name	Value
Authenticator	0
Email	1
YubiKey	3

(i) Note

FIDO2 and Duo are not supported by the CLI.

Item types

Used with the create command to specify a vault item type:

Name	Value
Login	1

Name	Value
Secure Note	2
Card	3
Identity	4

Login URI match types

Used with the create and edit command to specify URI match detection behavior for a login item:

Name	Value
Domain	0
Host	1
Starts With	2
Exact	3
Regular Expression	4
Never	5

Field types

Used with the create and edit commands to configure custom fields:

Name	Value
Text	0
Hidden	1
Boolean	2

Organization user types

Indicates a user's type:

Name	Value
Owner	0
Admin	1
User	2
Manager	3
Custom	4

Organization user statuses

Indicates a user's status within the organization:

Name	Value
Invited	0

Name	Value
Accepted	1
Confirmed	2
Revoked	-1