

PASSWORD MANAGER > IMPORT & EXPORT >

Import Data from macOS & Safari

View in the help center:

<https://bitwarden.com/help/import-from-safari/#print>

Import Data from macOS & Safari

Use this article for help exporting data from the following platforms, and importing into Bitwarden.

- Safari
- macOS
- iCloud
- Mac Keychain

Tip

Exporting passwords requires **Safari 15.0+** or **macOS Monterey (12.0)+**.

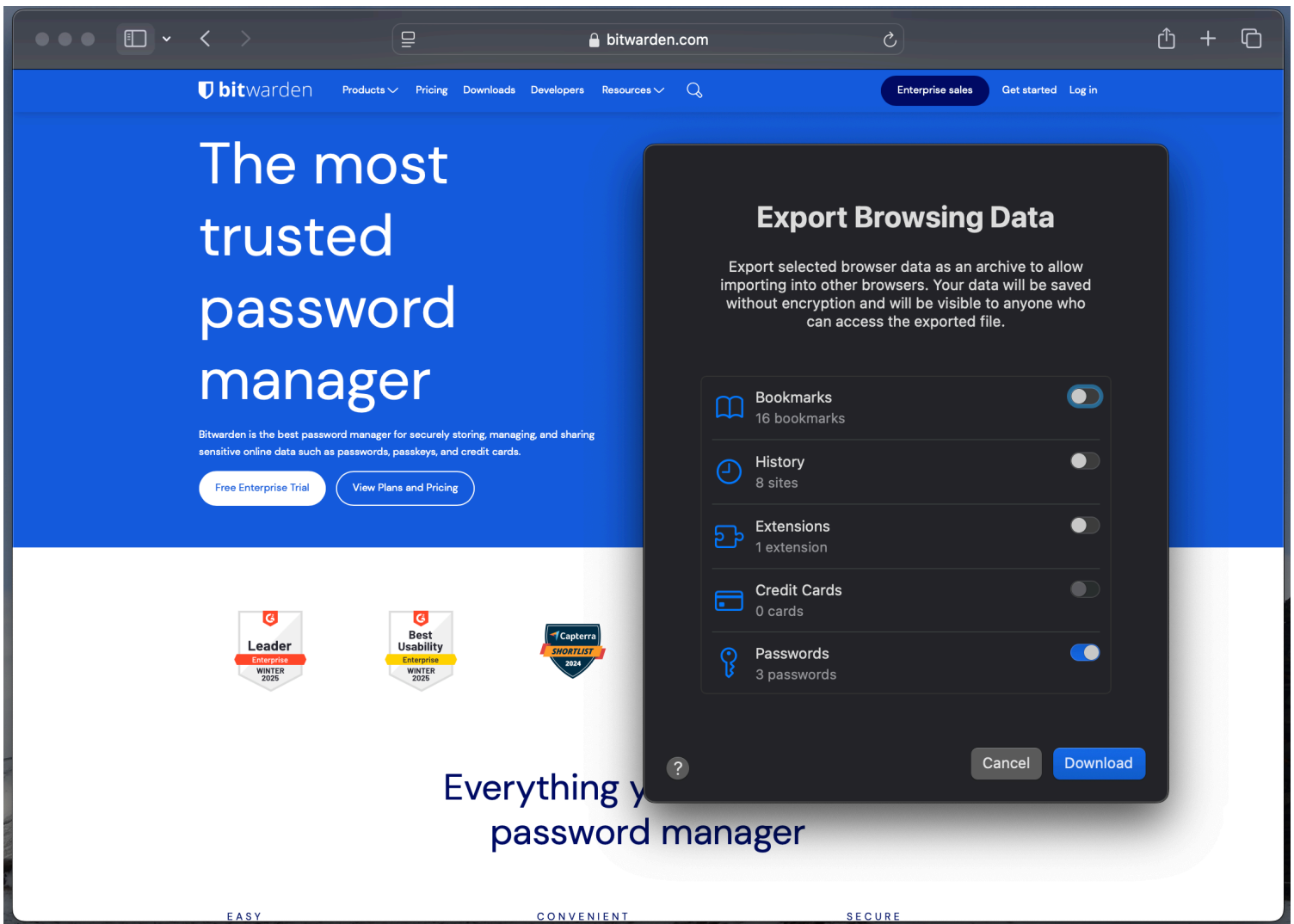
Export from Safari or macOS

You can export your passwords directly from Safari on your mac computer or from macOS System Preferences:

⇒Safari

To export your data from Safari:

1. Select **File** → **Export browsing data to file** from the macOS menu bar, choose passwords, and select **Download**:



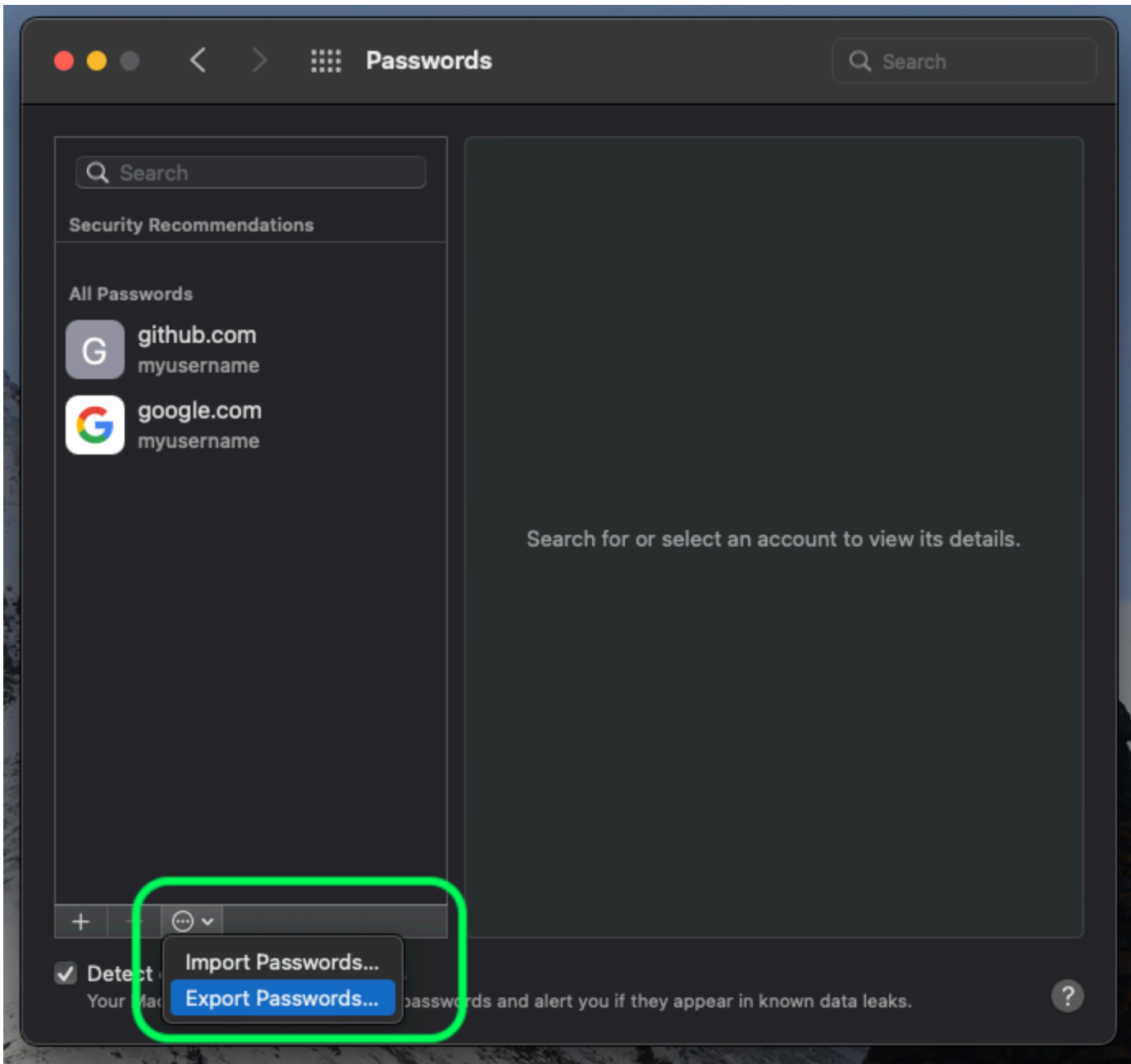
Export from Safari

2. Save your export to any location and use Touch ID or your macOS password to complete the export.

⇒ macOS System Preferences

To export your data from macOS:

1. Open the macOS **System Preferences** app.
2. In System Preferences, select **Passwords**. You'll be prompted to use Touch ID or your password to continue.
3. On the Passwords dialog, select the menu icon (⋮) and select **Export Passwords...**:



Export from macOS

4. You will be prompted with a dialog confirming that you want to export saved passwords. Select **Export Passwords...** to continue.

5. Save your export to any location and use Touch ID or your password to complete the export.

Import to Bitwarden

Data can be imported to Bitwarden from the web vault, CLI, desktop app, or browser extension. Data is encrypted locally before being sent to the server for storage.

⇒ Web app

To import data to your vault:

1. Log in to the web vault at <https://vault.bitwarden.com>, <https://vault.bitwarden.eu>, or <https://your.bitwarden.domain.com> if self-hosting.

2. Select **Tools** → **Import data** from the navigation:

Import data

3. Complete the following fields from the drop down menus:

- **Vault:** Select the import destination such as your individual vault or an organizational vault that you have access to.
- **Folder or Collection:** Select if you would like the imported content moved to a specific folder or organization collection that you have access to.
- **File format:** Select the import file format.

4. Select **Choose File** and add the file to import or copy/paste the contents of your file into the input box.

Warning

Importing does not check whether items in the file to import already exist in your vault. If you import multiple files or import files with items already in your vault, **this will create duplicates.**

5. Select **Import data** to trigger the import. If you are importing a password protected **.json** file, enter the password into the **Confirm vault import** window that will appear.

6. After successful import, delete the import source file from your computer. This will protect you in the event your computer is compromised.

Additional items such as [file attachments](#), [Sends](#), and trash will need to be manually uploaded to your vault.

⇒Browser extension

To import data to your vault:

1. In the **Settings** tab, select **Vault** and choose the **Import items** option.
2. Complete the following fields from the drop down menus:
 1. **Vault:** Select the import destination such as your individual vault or an organizational vault that you have access to.
 2. **Folder or Collection:** Select if you would like the imported content moved to a specific folder or organization collection that you have access to.
 3. **File format:** Select the import file format.
3. Select **Choose File** and add the file to import or copy/paste the contents of your file into the input box.

Warning

Importing does not check whether items in the file to import already exist in your vault. If you import multiple files or import files with items already in your vault, **this will create duplicates**.

4. Select **Import Data** to trigger the import. If you are importing a password protected **.json** file, enter the password into the **Confirm Vault Import** window that will appear.

5. After successful import, delete the import source file from your computer. This will protect you in the event your computer is compromised.

⇒Desktop app

To import data to your vault:

1. Select **File > Import data**.
2. Complete the following fields from the drop down menus:
 1. **Import destination:** Select the import destination such as your individual vault or an organizational vault that you have access to.
 2. **Folder or Collection:** Select if you would like the imported content moved to a specific folder or organization collection that you have access to.
 3. **File format:** Select the import file format.
3. Select **Choose File** and add the file to import or copy/paste the contents of your file into the input box.

⚠ Warning

Importing does not check whether items in the file to import already exist in your vault. If you import multiple files or import files with items already in your vault, **this will create duplicates**.

4. Select **Import Data** to trigger the import. If you are importing a password protected `.json` file, enter the password into the **Confirm Vault Import** window that will appear.
5. After successful import, delete the import source file from your computer. This will protect you in the event your computer is compromised.

⇒CLI

To import data to your vault from the CLI, use the following command:

Bash

```
bw import <format> <path>
```

`bw import` requires a format (use `bw import --formats` to retrieve a list of formats) and a path, for example:

Bash

```
bw import <format> /Users/myaccount/Documents/mydata.csv
```

After successful import, delete the import source file from your computer. This will protect you in the event your computer is compromised.

Import troubleshooting**iCloud/Mac Keychain/Safari import issues**

- As of Safari 15.0, you can export passwords from Safari in a `.csv` file. Once you do, **condition your .csv** to meet Bitwarden's format and import your data.

File size import limitations

Imports may be rejected for exceeding any of the following data limitations:

- If your import has more than 40,000 items.
- If your import has more than 2,000 folders.
- If your import has more than 2,000 collections.
- If your import has more than 7,000 item–folder relationships (e.g. a single item in 3 folders can be said to have 3 item–folder relationships).
- If your import has more than 80,000 item–collection relationships (e.g. a single item in 3 collections can be said to have 3 item–collection relationships).