

BITWARDEN AUTHENTICATOR

# Import and Export

View in the help center:

<https://bitwarden.com/help/authenticator-import-export/>

## Import and Export

### Import data

To import data to Bitwarden Authenticator, open the  **Settings** tab and tap the **Import** button. Then, tap **File format** and choose one of the following sources:

- **Authenticator Export (JSON)**: Import a Bitwarden Authenticator or Bitwarden Password Manager **.json** export. Use the instructions in the following section for information on how to create a **.json** export with Bitwarden Authenticator. Importing a Bitwarden Password Manager **.json** export ([learn more](#)) will parse the file and import TOTP seeds.
- **Google Authenticator (QR Code)**: Import from Google Authenticator using a QR code, which can be made from the **Transfer accounts** screen in Google Authenticator. Scan the generated QR code with Bitwarden Authenticator to complete the import.

#### Tip

On Android, use the **+** **Add** icon on the home screen to scan a Google Authenticator QR code rather than navigating to **Settings** → **Import**.

- **LastPass (JSON)**: Import a LastPass Authenticator account export, which can be made from the LastPass Authenticator **Settings** → **Transfer accounts** screen.
- **2FAS (.2fas)**: Import a 2FAS backup file, which can be made from the 2FAS **Settings** → **2FAS Backup** screen. Only backup files that are not password protected can be imported to Bitwarden Authenticator.
- **Raivo (JSON) (iOS only)**: Import a Raivo OTP export, which can be made from the Raivo **Settings** screen using the **Export OTPs to ZIP archive option**. You will need to decrypt the **.zip** file using your master password and import the enclosed **raivo-otp-export.json** file to Bitwarden Authenticator.
- **Aegis (Android only)**: Import an unencrypted Aegis.json export, which can be made from the Aegis **Import & Export** screen.

### Export data

To export data from Bitwarden Authenticator, open the  **Settings** tab and tap the **Export** button. You can choose to export your data as a **.json** or **.csv** file.

#### Note

Your exported data will include an **otpauth://totp/?secret=** string for each entry. Should you wish to store this data elsewhere or set up a second authenticator app, this is the most important data to save.

### Example exports

Bitwarden Authenticator will export data in the following formats. You may also use this section to condition your own import file if you're importing from a currently-unsupported provider:

⇒.json

Plain Text

```
{
  "encrypted": false,
  "items": [
    {
      "favorite": false,
      "id": "52A4DFB0-F19E-4C9D-82A1-BBEE95BBEF81",
      "login": {
        "totp": "otpauth://totp/Amazon:alice@bitwarden.com?secret=II05SCP3766LMSAB5HJCQPNDCCNAZ532&issuer=Amazon&algorithm=SHA1&digits=6&period=30",
        "username": "alice@bitwarden.com"
      },
      "name": "Amazon",
      "type": 1
    },
    {
      "favorite": false,
      "id": "DC81A830-ED98-4F45-9B73-B147E40134AB",
      "login": {
        "totp": "otpauth://totp/Apple:alice@bitwarden.com?secret=II05SCQ3766LMSBB5HJCQPNDCCNAZ532&issuer=Apple&algorithm=SHA1&digits=6&period=30",
        "username": "alice@bitwarden.com"
      },
      "name": "Apple",
      "type": 1
    },
    {
      "favorite": false,
      "id": "4EF44090-4B6A-4E98-A94C-CF7B0F2CC35D",
      "login": {
        "totp": "otpauth://totp/Bitwarden:alice@bitwarden.com?secret=II05SCP3766LMSBB5HJCQPNDCCNAZ532&issuer=Bitwarden&algorithm=SHA1&digits=6&period=30",
        "username": "alice@bitwarden.com"
      },
      "name": "Bitwarden",
    }
  ]
}
```

```
    "type": 1
  },
  {
    "favorite": false,
    "id": "59B09168-502A-4D38-B218-FACF66E6A365",
    "login": {
      "totp": "otpauth://totp/Microsoft:alice@bitwarden.com?secret=II05SCP3766LMSBB5HJCHPNDCNAZ532&issuer=Microsoft&algorithm=SHA1&digits=6&period=30",
      "username": "alice@bitwarden.com"
    },
    "name": "Microsoft",
    "type": 1
  },
  {
    "favorite": false,
    "id": "789F095B-95B2-4816-A5F7-01095116C10E",
    "login": {
      "totp": "otpauth://totp/Reddit:alice@bitwarden.com?secret=II05SCP3766LNSBB5HJCQPNDCCNAZ532&issuer=Reddit&algorithm=SHA1&digits=6&period=30",
      "username": "alice@bitwarden.com"
    },
    "name": "Reddit",
    "type": 1
  }
]
```

⇒.CSV

*Plain Text*

```
folder,favorite,type,name,notes,fields,reprompt,login_uri,login_username,login_password,login_totp
,,login,Amazon,,,0,,alice@bitwarden.com,,otpauth://totp/Amazon:alice@bitwarden.com?secret=II05SCP37
66LMSAB5HJCQPNDCCNAZ532&issuer=Amazon&algorithm=SHA1&digits=6&period=30
,,login,Apple,,,0,,alice@bitwarden.com,,otpauth://totp/Apple:alice@bitwarden.com?secret=II05SCQ3766
LMSBB5HJCQPNDCCNAZ532&issuer=Apple&algorithm=SHA1&digits=6&period=30
,,login,Bitwarden,,,0,,alice@bitwarden.com,,otpauth://totp/Bitwarden:alice@bitwarden.com?secret=II0
5SCP3766LMSBB5HJCQPNDCCNAZ532&issuer=Bitwarden&algorithm=SHA1&digits=6&period=30
,,login,Microsoft,,,0,,alice@bitwarden.com,,otpauth://totp/Microsoft:alice@bitwarden.com?secret=II0
5SCP3766LMSBB5HJCHPNDCNAZ532&issuer=Microsoft&algorithm=SHA1&digits=6&period=30
,,login,Reddit,,,0,,alice@bitwarden.com,,otpauth://totp/Reddit:alice@bitwarden.com?secret=II05SCP37
66LNSBB5HJCQPNDCCNAZ532&issuer=Reddit&algorithm=SHA1&digits=6&period=30
```