

ADMIN CONSOLE > DEPLOY CLIENT APPS

Konfigurera klienter för din server

View in the help center:
<https://bitwarden.com/help/configure-clients-selfhost/>

Konfigurera klienter för din server

När du använder en Bitwarden-server som är självvärd i en affärsmiljö, kanske administratörer vill centralt konfigurera klientapplikationsinställningar (särskilt Server URL) innan de distribueras till användare med en plattform för hantering av slutpunkter. Inställningar tillämpas vid installation av klientapplikationen. Dessa processer kan också vara användbara om du använder en [Bitwarden Cloud EU-server](#).

Processen för att göra det kommer att vara olika för varje klientapplikation:

Webbläsartillägg

Chrome och Chromium

Följande steg förutsätter att användare ännu inte har webbläsartillägget Bitwarden installerat på sina maskiner. Om de gör det måste de återställa till förkonfigurerade inställningar, vilket de uppmanas att göra när de följer [detta arbetsflöde](#):

⇒Linux

To pre-configure environment URLs for Linux:

1. Create one of the following directory structures if they do not already exist on your system:

- For Chrome, `/etc/opt/chrome/policies/managed/`
- For Chromium, `/etc/opt/chromium/policies/managed/`

2. In the `managed` folder, create a `bitwarden.json` file with the following contents:

Bash

```
{
  "3rdparty": {
    "extensions": {
      "nngceckbapebfimnlndiihkanclblb": {
        "environment": {
          "base": "https://my.bitwarden.server.com"
        }
      }
    }
  }
}
```

The extension ID (`nngceckbapebfimnlndiihkanclblb`) will vary depending on your installation method. You can find your extension ID by navigating to your browser's extension menu (for example, `chrome://extensions`).

Most installations will only require the `"base"` URL, however some unique setups may require you to enter URLs for each service independently:

Bash

```
{
  "3rdparty": {
    "extensions": {
      "nngceckbapebfimnlndiihahkandclblb": {
        "environment": {
          "base": "https://my.bitwarden.server.com",
          "webVault": "https://my.bitwarden.server.com",
          "api": "https://my.bitwarden.server.com",
          "identity": "https://my.bitwarden.server.com",
          "icons": "https://my.bitwarden.server.com",
          "notifications": "https://my.bitwarden.server.com",
          "events": "https://my.bitwarden.server.com"
        }
      }
    }
  }
}
```

Note

If you'll be using the Chrome or Chromium Web Store version of Bitwarden, you can follow [these instructions](#) to force install Bitwarden on end-user machines when you distribute managed policies. You can skip overlapping steps, like creating required directories.

3. As you will need to deploy these files to users' machines, we recommend making sure only admins can write files in the `/policies` directory.
4. Using your preferred software distribution or MDM tool, deploy the following to users' machines:
 - The Chrome or Chromium-based browser
 - `/etc/opt/{chrome or chromium}/policies/managed/bitwarden.json`

Tip

For more help, refer to Google's [Chrome Browser Quick Start for Linux](#) guide.

⇒Windows

To pre-configure environment URLs for Windows:

1. Open the Windows Group Policy Manager and create a new Group Policy Object (GPO) or use an existing GPO scoped for your end-users.
2. Edit the GPO and navigate to **User Configuration -> Preferences -> Windows Settings -> Registry**.
3. Right-click **Registry** in the file tree and select **New > Registry Item**.

4. Create a new Registry Item with the following properties:

- **Action:** Update
- **Hive:** `HKEY_LOCAL_MACHINE`
- **Key Path:** `HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Google\Chrome\3rdparty\extensions\<extension_id>\policy\environment`

The `<extension_id>` will vary depending on your installation method. You can find your extension ID by navigating to your browser's extension menu (for example, `chrome://extensions`).

Note

While Microsoft edge is a Chromium based browser, the **Key Path** location is different than the input for Google Chrome. For Microsoft Edge, use the following key path:

- `HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Edge\3rdparty\extensions\<extension_id>\policy\environment`

- **Value name:** `base`
- **Value type:** `REG_SZ`
- **Value data:** Your server's configured domain

Note

Registry key management systems may omit `HKEY_LOCAL_MACHINE\` from the Full Key Path. `HKEY_LOCAL_MACHINE` is a Hive and is omitted from the Key Path if the system has a separate Hive setting.

5. Select **OK** once the item is configured.

Most installations will only require the `base` URL, however some unique setups may require you to enter URLs for each service independently. If your setup requires this, repeat **Step 4** to create a new Registry Item for each of the following:

- Value name: `webVault`
- Value name: `api`
- Value name: `identity`

- Value name: **icons**
- Value name: **notifications**
- Value name: **events**

Note

You can also use a GPO to force-install the browser extension. [Learn more.](#)

⇒ macOS

To pre-configure environment URLs for macOS:

1. Create a new file **com.google.chrome.extensions.<extension_id>.plist**.

The **<extension_id>** will vary depending on your installation method. You can find your extension ID by navigating to your browser's extension menu (for example, **chrome://extensions**).

2. In the created **.plist** file, add the following contents:

Bash

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
  <dict>
    <key>environment</key>
    <dict>
      <key>base</key>
      <string>https://my.bitwarden.server.com</string>
    </dict>
  </dict>
</plist>
```

Most installations will only require the **base <key>** and **<string>** pair, however some unique setups may require you to enter URLs for each service independently:

Bash

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
  <dict>
    <key>environment</key>
    <dict>
      <key>base</key>
      <string>https://my.bitwarden.server.com</string>
      <key>webVault</key>
      <string>https://my.bitwarden.server.com</string>
      <key>api</key>
      <string>https://my.bitwarden.server.com</string>
      <key>identity</key>
      <string>https://my.bitwarden.server.com</string>
      <key>icons</key>
      <string>https://my.bitwarden.server.com</string>
      <key>notifications</key>
      <string>https://my.bitwarden.server.com</string>
      <key>events</key>
      <string>https://my.bitwarden.server.com</string>
    </dict>
  </dict>
</plist>
```

3. Convert the **.plist** file to a **.mobileconfig** configuration profile.

Note

If you'll be using the Chrome or Chromium Web Store version of Bitwarden, you can follow [these instructions](#) to force install Bitwarden on end-user machines by creating another configuration profile that can be distributed in the next step.

4. Using your preferred software distribution or MDM tool, install the following on users' machines:

- The Chrome or Chromium-based browser
- The **.mobileconfig** configuration profile

Firefox

⇒Linux

To pre-configure environment URLs for Linux:

1. Create a directory `/etc/firefox/policies`:

Bash

```
mkdir -p /etc/firefox/policies
```

2. As you will need to deploy this directory and the files in it to users' machines, we recommend making sure old admins can write files in the `/policies` directory:

Bash

```
chmod -R 755 /etc/firefox/policies
```

3. Create a `policies.json` file in `/etc/firefox/policies` and add the following contents:

Bash

```
{
  "policies": {
    "3rdparty": {
      "Extensions": {
        "{446900e4-71c2-419f-a6a7-df9c091e268b}": {
          "environment": {
            "base": "https://my.bitwarden.server.com"
          }
        }
      }
    }
  }
}
```

Most installations will only require the `"base"` : URL, however some unique setups may require you to enter URLs for each service independently:

Bash

```
{
  "policies": {
    "3rdparty": {
      "Extensions": {
        "{446900e4-71c2-419f-a6a7-df9c091e268b}": {
          "environment": {
            "base": "https://my.bitwarden.server.com",
            "webVault": "https://my.bitwarden.server.com",
            "api": "https://my.bitwarden.server.com",
            "identity": "https://my.bitwarden.server.com",
            "icons": "https://my.bitwarden.server.com",
            "notifications": "https://my.bitwarden.server.com",
            "events": "https://my.bitwarden.server.com"
          }
        }
      }
    }
  }
}
```

4. Using your preferred software distribution or MDM tool, deploy `/etc/firefox/policies/policies.json` to users' machines.

⇒Windows

To pre-configure environment URLs for Windows:

1. Open the Windows Group Policy Manager and create a new Group Policy Object (GPO) or use an existing GPO scoped for your end-users.
2. Edit the GPO and navigate to **User Configuration > Preferences > Windows Settings > Registry**.
3. Right-click **Registry** in the file tree and select **New > Registry Item**.
4. Create a new Registry item with the following properties:
 - **Action:** Update
 - **Hive:** `HKEY_LOCAL_MACHINE`
 - **Key Path:** `HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Mozilla\Firefox\3rdparty\Extensions\{446900e4-71c2-419f-a6a7-df9c091e268b}\environment`

- **Value name:** `base`
- **Value type:** `REG_SZ`
- **Value data:** Your server's configured domain

Note

Registry key management systems may omit `HKEY_LOCAL_MACHINE\` from the Full Key Path. `HKEY_LOCAL_MACHINE` is a Hive and is omitted from the Key Path if the system has a separate Hive setting.

5. Select **OK** once the item is configured.

Most installations will only require the base URL, however some unique setups may require you to enter URLs for each service independently. If your setup requires this, repeat **Step 4** to create a new Registry item for each of the following:

- Value name: `webVault`
- Value name: `api`
- Value name: `identity`
- Value name: `icons`
- Value name: `notifications`
- Value name: `events`

⇒macOS

To pre-configure environment URLs for macOS:

1. Remove the quarantining attribute automatically applied to Firefox by running the following command:

Bash

```
xattr -r -d com.apple.quarantine /Applications/Firefox.app
```

2. Create a directory `/Applications/Firefox.app/Contents/Resources/distribution`.
3. Create a file `policies.json` in the `distribution` folder and add the following contents:

Bash

```
{
  "policies": {
    "3rdparty": {
      "Extensions": {
        "{446900e4-71c2-419f-a6a7-df9c091e268b}": {
          "environment": {
            "base": "https://my.bitwarden.server.com"
          }
        }
      }
    }
  }
}
```

Most installations will only require the **"base"** : URL, however some unique setups may require you to enter URLs for each service independently:

Bash

```
{
  "policies": {
    "3rdparty": {
      "Extensions": {
        "{446900e4-71c2-419f-a6a7-df9c091e268b}": {
          "environment": {
            "base": "https://my.bitwarden.server.com",
            "webVault": "https://my.bitwarden.server.com",
            "api": "https://my.bitwarden.server.com",
            "identity": "https://my.bitwarden.server.com",
            "icons": "https://my.bitwarden.server.com",
            "notifications": "https://my.bitwarden.server.com",
            "events": "https://my.bitwarden.server.com"
          }
        }
      }
    }
  }
}
```

4. Using your preferred software distribution or MDM tool, deploy `/etc/firefox/policies/policies.json` to users' machines.

Note

In order to centrally deploy the Bitwarden browser extension to EU servers, **base** and **notifications** must be set to the EU cloud. For example:

Plain Text

```
"base": "https://vault.bitwarden.eu"
"notifications": "https://notifications.bitwarden.eu"
```

If enabled correctly, user's browser extensions will display **Logging in on: self-hosted** but will still connect to bitwarden.eu.

Skrivbordsappar

För att centralt konfigurera Desktop-appen för distribution, slutför du först följande steg på en enskild arbetsstation:

1. Installera Desktop-appen. Om du använder Windows, installera Bitwarden tyst som administratör med hjälp av `installer.exe /allusers /S` (se [NSIS-dokumentationen](#)).
2. Navigera till skrivbordsappens lokalt lagrade inställningar. Den här katalogen är olika beroende på ditt operativsystem (t.ex. `%AppData%\Bitwarden` på Windows, `~/Library/Application Support/Bitwarden` på macOS). [Hitta din katalog](#).
3. Öppna filen `data.json` i katalogen.
4. Redigera `data.json` för att konfigurera Desktop-appen efter önskemål. Skapa i synnerhet följande objekt för att konfigurera appen med din egen server-URL:

Bash

```
"global_environment_environment": {  
  "region": "Self-hosted",  
  "urls": {  
    "base": "self-host.com"  
  }  
}
```

Tip

Customers using Bitwarden cloud servers may instead set `"region":` to `"US"` or `"EU"` to connect to those servers.

5. När du har konfigurerat som du vill ha den använder du valfri slutpunktshanteringslösning (som [Jamf](#)) för att distribuera den förkonfigurerade Desktop-appen som en mall.

Note

As an alternative to manually configuring the `data.json` file, you can assign `environmentUrls` using the Bitwarden desktop app. Select your desired region using the desktop app GUI, then close the app and [locate your data.json file](#) in order to copy the environment variable information.

Om användare upplever problem med grafik eller prestanda, innehåller Bitwarden inställningar som kan justeras för att förbättra prestandan. [Se vanliga frågor om lösenordshanteraren](#).

Mobilappar

De flesta Mobile Device Management (MDM) eller Enterprise Mobility Management (EMM)-lösningar tillåter administratörer att förkonfigurera applikationer innan de distribueras på ett standardsätt. För att förkonfigurera Bitwarden Mobile-appar för att använda din självvärdade server-URL, konstruera följande applikationskonfiguration:

Konfigurationsnyckel	Värdetyp	Konfigurationsvärde
<code>baseEnvironmentUrl</code>	sträng	Din egen server-URL, till exempel <code>https://my.bitwarden.server.com</code> .

Webbapp

För användare av webbappen rekommenderar Bitwarden att du använder din slutpunkt, grupppolicy eller hanteringsverktyg för mobila enheter för att ställa in ett bokmärke eller skrivbordsgenväg som pekar på lämplig webbapp-URL (till exempel `https://vault.bitwarden.eu` eller din egen server).

Lär dig hur du [distribuerar hanterade bokmärken](#) med [Googles administratörskonsol](#).