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# Deploy Desktop Apps with Intune

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## Deploy Desktop Apps with Intune

When operating Bitwarden in a business setting, administrators may want to automate deployment of Bitwarden desktop apps to users with **Microsoft Intune**. This article will cover how to use Intune to deploy Bitwarden Password Manager desktop apps to your endpoints.

Bitwarden desktop apps can be deployed to endpoints using either a Win32 application (*recommended*) or via the Microsoft App Store:

### ⇒ Win32 App

To deploy the Microsoft App Store version of Bitwarden Password Manager, complete the following steps:

1. Download the latest Bitwarden Windows desktop app installer from [bitwarden.com/download/](https://bitwarden.com/download/).
2. Use the [Microsoft Win32 Content Prep Tool](#) to convert the installer into the required `.intunewin` format ([learn more](#)).
3. Open the Intune Portal, navigate to **Apps** → **Windows** and select **+Add**.
4. In the Select app type window, use the **App type** dropdown to select **Windows app (Win32)**.
5. Hit **Select**.
6. On the App information screen, select **Select app package file**.
7. On the App package file window, use the file explorer to select your converted `.intunewin` installer and select **OK**.
8. Take note of the **Name** of your app before proceeding, particularly the version number in the executable.
9. Select **Next**.
10. On the Program screen:
  - Specify the following **Install command**: `Bitwarden-installer-{version}.exe /allusers /S`. Make sure to replace `{version}` with the correct version of the application, for example `2024.8.0`, as seen in the App name (Step 8).
  - Specify the following **Uninstall command**: `C:\Program Files\Bitwarden\Uninstall Bitwarden.exe /allusers /S`.
  - Choose an **Install behavior**, more information can be found by hovering over the ⓘ icon on that page.
11. Select **Next**.
12. On the Requirements screen:
  - Specify an **Operating system architecture** of **64-bit / 32-bit**.
  - Specify a **Minimum operating system** of **Windows 10 1607**.
13. Select **Next**.
14. On the Detection rules screen:
  - From the **Rules** dropdown, select **Manually configure detection rules**.
  - Select **Add**.
  - From the **Rule type** dropdown, select **File**.

- Specify a **Path** of **C:\Program Files\Bitwarden**.
- Specify a **File or folder** of **Bitwarden.exe**.
- From the **Detection method** dropdown, select **File or folder exists**.
- For **Associated with a 32-bit app on 64-bit clients**, choose **No**.

15. Select **Next**.

16. On the Dependencies screen, select **Next**.

17. On the Assignments screen, add and groups or users to the configuration and select **Next**.

18. On the **Review + create** screen, select **Create**.

## ⇒ App Store

### Tip

In order for this method to work, endpoint devices must have access to the Microsoft App Store and must support the Intune Management Extension (IME).

Please note that Bitwarden desktop apps from the Microsoft App Store do not currently support biometric integration with browser extensions ([learn more](#)).

To deploy the Microsoft App Store version of Bitwarden Password Manager, open the Microsoft Intune portal and complete the following steps:

1. In the Intune Portal, navigate to **Apps** → **Windows** and select **+Add**.
2. In the Select app type window, use the **App type** dropdown to select **Microsoft Store app (new)**.
3. Hit **Select**.
4. On the App information screen, select **Search the Microsoft Store app (new)**.
5. Search for Bitwarden and hit **Select** once you've found and highlighted it.
6. Choose an **Install behavior**, more information can be found by hovering over the ⓘ icon on that page.
7. Select **Next**.
8. On the Assignments screen, add and groups or users to the configuration and select **Next**.
9. On the **Review + create** screen, select **Create**.