

## Pre-installing Progressive Web Apps (PWAs) on Windows 10 or 11

*Note: The following solution options can't be validated by Foxo and may require testing within your network environment.*

For Google Chrome PWA:

### 1. Create a Shortcut:

- Open Google Chrome and go to the website of the PWA.
- Click on the three dots in the upper-right corner to open the menu.
- Hover over "More tools" and select "Create shortcut."
- Name the shortcut and check the box that says "Open as window."
- Click "Create."

### 2. Deploy the Shortcut:

- Copy the shortcut to a location accessible to all users (e.g., a network share).
- Create a script or use Group Policy to copy the shortcut to each user's desktop or Start Menu.

For Microsoft Edge PWA:

### 3. Create a Shortcut:

- Open Microsoft Edge and go to the website of the PWA.
- Click on the three dots in the upper-right corner to open the menu.
- Hover over "Apps" and select "Install this site as an app."
- Name the app and choose where to save it.
- Click "Install."

### 4. Deploy the Shortcut:

- Copy the shortcut to a location accessible to all users (e.g., a network share).
- Create a script or use Group Policy to copy the shortcut to each user's desktop or Start Menu.

Using Group Policy (for both Google Chrome and Microsoft Edge PWAs):

### 5. Create a Group Policy Object (GPO):

- Open the Group Policy Management Console (GPMC) on a computer with the necessary administrative tools installed.

- Create a new GPO or edit an existing one.
6. **Configure the GPO:**
- Navigate to User Configuration > Preferences > Windows Settings > Shortcuts.
  - Right-click on "Shortcuts" and choose "New > Shortcut."
  - Fill in the necessary information:
    - **Action:** Create
    - **Name:** The name you want for the shortcut
    - **Target Type:** File System Object
    - **Location:** Desktop or Start Menu, depending on your preference
    - **Target Path:** The path to the shortcut you created for the PWA
    - **Icon File Path:** (Optional) The path to an icon file for the shortcut
  - Click "OK."
7. **Link the GPO:**
- Link the GPO to the Organisational Unit (OU) containing your user accounts.
8. **Force Group Policy Update:**
- Run `gpupdate /force` on the user's workstation to apply the new policy immediately.

*This approach ensures that the PWA shortcuts are deployed to user workstations through Group Policy. Adjust the steps based on your organisation's specific requirements and infrastructure.*

## Starting the PWA when user logs in:

To ensure that the Progressive Web App (PWA) is automatically started when a user logs in to their workstation, you can leverage Group Policy or scripting to create a startup task. Here's a general guide:

### Using Group Policy:

9. **Create a Group Policy Object (GPO):**
- Open the Group Policy Management Console (GPMC) on a computer with the necessary administrative tools installed.
  - Create a new GPO or edit an existing one.
10. **Configure the GPO:**
- Navigate to User Configuration > Preferences > Windows Settings > Shortcuts.
  - Right-click on "Shortcuts" and choose "New > Shortcut."

- Fill in the necessary information:
    - **Action:** Create
    - **Name:** The name you want for the startup shortcut
    - **Target Type:** File System Object
    - **Location:** Startup
    - **Target Path:** The path to the executable file of your PWA (e.g., Chrome or Edge executable with the PWA URL as a parameter)
    - **Start in:** The directory containing the executable (if required)
    - **Icon File Path:** (Optional) The path to an icon file for the shortcut
  - Click "OK."
11. **Link the GPO:**
- Link the GPO to the Organizational Unit (OU) containing your user accounts.
12. **Force Group Policy Update:**
- Run `gpupdate /force` on the user's workstation to apply the new policy immediately.

### Using Scripting:

You can also create a script to start the PWA at user login. Here's a simple example using a batch script:

```
@echo off
start "" "C:\Program Files\Google\Chrome\Application\chrome.exe" --app=https://your-pwa-url
```

Save this script with a .bat extension and place it in a location accessible to all users. You can then use Group Policy or other means to run this script at user login.

Remember to replace "C:\Program Files\Google\Chrome\Application\chrome.exe" with the actual path to the Chrome or Edge executable on your systems and <https://your-pwa-url> with the URL of your PWA.

*Choose the method that best fits your environment and policies. Adjust the steps based on your organisation's specific requirements and infrastructure.*

## Start Foxo web app / auto-launch in Chrome



<https://drive.google.com/file/d/1NBZMhQf6Ak8hpn4eHWKZJasOvqvH5dKD/view>

start chrome <https://app.foxo.com>, launches a new tab in Chrome.

- Won't launch PWA if it is installed
- Won't install PWS for all workstations
- There may be parameters to have different launch modes, however won't force a PWA launch if the PWA was not installed in the first place.

Further resources about pre-installing the PWA on Windows (have not been tested by Foxo):

- Chrome:  
[https://chromium.googlesource.com/chromium/src/+refs/heads/main/docs/windows\\_pwa\\_integration.md](https://chromium.googlesource.com/chromium/src/+refs/heads/main/docs/windows_pwa_integration.md)
- Edge got something called policies (not sure how to use them though):  
<https://learn.microsoft.com/en-us/deployedge/microsoft-edge-policies#webappinstallforcelist>