

User Manual

Introduction

This user manual provides instructions on how to use the AmiLeaked app to detect VPN leaks. This web extension allows users to detect leaks on-demand, run scans in the background, and enable badge notifications for detected background scan leaks.

Getting Started

Requirements:

- The Chrome web browser
- A VPN service

Quick Installation

1. Build the extension using npm within VSCode
2. Open the Extensions tab in Chrome.
3. Click "Load Unpacked"
4. Select the dist folder.

1. First-Time Setup

1. Open the extension popup.
2. If no baseline exists, you are prompted to disconnect from your VPN so the program can capture your real network fingerprint. Click the confirm toggle and click "Capture Baseline".
3. Once the baseline is captured, click continue to enter the main scanner after setup.

2. Main Scan Button

- Click the power button to run an on-demand leak scan.
- Button shows scanning state while running.
- Status updates after the scan is completed: leaks detected or no leaks detected.

3. Background Detection Toggle

- Click Start Background Detection / Stop Background Detection to run the leak scan in the background. This continues to run even after clicking out of the extension page.

4. Scan Interval Selector

- Choose scan frequency from dropdown: 10s, 20s, 30s, 40s, 50s, 60s.
- Changes how often background scans run.

5. Next Scan Countdown

- When background scanning is enabled, the user sees countdown text.
- Countdown updates in real time, including changes from the scan interval dropdown.

6. Scan Results View

- User sees current results for IPv4, IPv6, DNS, and WebRTC detected IPs.
- Per-vector statuses show LEAK or OK for each IP.
- Overall banner shows Leak detected or All clear.

7. Quick Settings Toggles

- Hide Sensitive Info toggle: Hides or displays sensitive network information shown in the scan results view.
- Dark mode toggle: Switches the extension between light and dark mode.

8. Settings Navigation

- Click gear icon in popup to open settings.
- Toggle Enable Badge Notifications to control whether user gets leak badge alerts.
- Click Re-capture Baseline to go back to the first-time setup to create a fresh baseline.
- Click back arrow in settings to return to main screen.