X9 LastCheck — Install Guide

Chrome / Chromium extension, version 0.8.3 · Early-Access build (unpacked). Not yet on the Chrome Web Store · x9software.com

What LastCheck does: When you click a link to a site that *isn't* on your trusted list, LastCheck stops the page *before* it loads and shows a full-screen safety check. A banner across the top gives the verdict, the URL, and a box to trust the site. Below it are three columns: **Sponsored** (ads, free version) on the left; **Our analysis** in the middle — connection type (HTTP vs HTTPS), whether it's a known company, domain age (when it was registered), where it resolves and the server's location (e.g. Iowa vs. Russia), and an inspection of the URL itself (its parameters, and any signs of XSS or SQL-injection payloads); and **AI summary** on the right — a plain-language read from Chrome's on-device AI, if your browser has it. Both the analysis and the AI summary group what they find into **Reasons for concern** (red) and **Good signs** (green). Sites already on your trusted list — plus common sites like google.com — load normally with no prompt.

New in this version — temporary (session) trust. You no longer have to *permanently* trust a site just to click around it. When you choose **Continue anyway** on the check page *without* ticking the trust box, LastCheck trusts that site **only in the current tab, only until you close it** — so you can browse a one-off site without being re-prompted on every click, and without adding it to your permanent list. The trust is scoped to the site's registrable domain (for example, all of `example.com`, but not other `.com` sites), and it's forgotten the moment you close the tab or the browser. Tick the box only when you want to trust a site **permanently**.

New in this version — on-page security banner. After you continue onto an untrusted page, a thin banner drops in across the top of that page with the security read for it — the risk badge, the site's domain, the top concern and the top good sign, and a **Trust this site** button if you decide to keep it. It also shows **SITE — trusted on this tab for this session** so you always know you're on a site you only *temporarily* allowed. The banner never shifts the page's own layout, and it never appears on sites you've permanently trusted. You can turn it off — or make it auto-hide after a few seconds — from the popup (see Step 5).

> **One privacy note on this version:** the deeper analysis (domain age, DNS, server location) looks the destination up via public internet services, so those checks send the destination domain / its IP to those services. Trusted-list membership and the basic checks still run entirely on your machine, and the on-device AI summary never sends page data anywhere.

Step 1 — Get the extension folder onto your computer

1. Download the ZIP from **x9software.com/lastcheck** (the blue **Download the Add-In** button), e.g. `x9-lastcheck-v0.8.3.zip`.
2. Right-click it and choose **Extract All...** (Windows) or double-click it (Mac).
3. You'll get a folder named `extension`. Remember where it is (e.g. your Desktop or Downloads). Chrome loads the extension directly from this folder, so **do not delete or move it** after installing.

Step 2 — Open Chrome's Extensions page

1. Open **Google Chrome**.
2. Click the **three-dot menu** (⋮) at the top-right of Chrome.
3. Hover **Extensions**, then click **Manage Extensions**.
   (Or type `chrome://extensions` in the address bar and press Enter.)

Step 3 — Turn on Developer mode

1. On the Extensions page, look at the **top-right corner**.
2. Click the **Developer mode** toggle so it turns **blue / on**.
3. Three new buttons appear: **Load unpacked**, **Pack extension**, **Update**.

Step 4 — Load the extension

1. Click **Load unpacked** (top-left of the buttons that just appeared).
2. In the file picker, navigate to and **select the `extension` folder** from Step 1. Select the folder itself — do not open it and pick a file inside.
3. Click **Select Folder** (Windows) or **Open** (Mac).

4. A card titled **X9 LastCheck** appears on the page. It is now installed and running.

Step 5 — Pin it and set your banner preference (optional)

1. Click the **puzzle-piece icon** (Extensions) at the top-right of Chrome.
2. Find **X9 LastCheck** and click the **pin icon** next to it so it sits in your toolbar.
3. Click the LastCheck icon to open the popup. From here you can turn **protection** on/off, see your trusted-site count, and manage two banner options: **On-page banner** (show the security bar on untrusted pages — on by default) and **Auto-hide banner** (fade the bar out after a few seconds — off by default, so the bar stays as a standing reminder).

Step 6 — Test that it works

1. In a new tab, go to `http://example.com` — you should see the **X9 LastCheck check page** instead of the site, because it isn't on your trusted list.
2. Look at the layout: a **banner** across the top (verdict, URL, trust box), then three columns — **Sponsored** (sample ads) on the left, **Our analysis** in the middle, and **AI summary** on the right. The analysis fields fill in over a second or two (connection, known company, domain age, resolves-to, server location).
3. **Try temporary trust:** click **Continue anyway** *without* ticking the box. The page loads, and a thin banner appears at the top reading **EXAMPLE.COM — trusted on this tab for this session**. Click around `example.com` in that same tab — no more prompts. Close the tab and open it again → you're re-prompted, because the temporary trust was forgotten.
4. **Try permanent trust:** trigger the check page again, this time tick **"Add example.com to my trusted sites permanently"** and click **Continue anyway**. From now on it loads straight through and shows no banner.
5. Visit `https://www.google.com` — it loads normally (google.com ships in the built-in trusted list).

Step 7 — Turn on the on-device AI panel (optional)

The AI summary uses Chrome's built-in AI (Gemini Nano), which runs entirely on your computer. If the AI panel says **off**, it usually just needs to be enabled once. It needs a

recent **Chrome (desktop)** and a one-time model download (~1–2 GB). Exact flag names move between Chrome versions, so if a link below doesn't exist in your build, that feature simply isn't in your Chrome yet.

1. In the address bar, go to `chrome://flags`.
2. Search **Prompt API for Gemini Nano** and set it to **Enabled**.
3. Search **on-device model** (the "Optimization Guide On Device Model" flag) and set it to **Enabled BypassPerfRequirement**.
4. Click **Relaunch** (bottom-right) to restart Chrome.
5. Give it a few minutes on a good connection for the model to download in the background, then re-open the check page (visit `http://example.com` again). The AI panel should now read **on** and show a short summary.

> Don't worry if you can't get the AI panel on — it's the "nice to have" third panel. The core protection (interception + our own checks + trusting sites) works fully without it.

Step 8 — Updating to a new version (keep your trusted sites)

Your trusted-site list lives inside Chrome. A **Remove + Load unpacked** erases it — so to update *without* losing your list, use one of the methods below.

Method A — Manual in-place reload (keeps your list automatically). Use this when a new build reuses the same folder you first loaded from.

1. Open the folder you originally loaded (the `extension` folder from Step 1).
2. Delete everything *inside* that folder (but keep the folder itself in the same place).
3. Extract the new ZIP and copy the new `extension` folder's contents *into that same folder*.
4. Go to `chrome://extensions` and click the circular **refresh / reload** icon on the X9 LastCheck card.
5. Done — the new version is running and your trusted sites are still there.

Method B — Back up & restore (bulletproof; works for any update, even a full reinstall or a new computer).

1. Click the **X9 LastCheck** icon in the toolbar to open its popup.
2. Click **Back up list**. A JSON file of your trusted sites is saved to your Downloads — keep it.
3. Update the extension however you like (in-place reload, or Remove + Load unpacked with the new build).
4. Open the popup again and click **Restore list**.
5. Choose the backup file you saved. The popup confirms how many sites were restored.

> **Good to know:** This is an Early-Access build loaded "unpacked," so Chrome may show a *"Disable developer mode extensions"* reminder each time you start Chrome — that's normal; just close it. A red **Errors** badge on the card is usually harmless developer log noise, not a crash — the extension keeps running.

To remove it

1. Go to `chrome://extensions`.
2. Find **X9 LastCheck** and click **Remove**, then confirm.