

Browser Extension Security Audit Report

Date of Audit: October 2, 2025 **Time of Audit:** 5:18 PM IST **Browser Audited:** [Please fill in: e.g., Google Chrome, Mozilla Firefox]

1. Executive Summary

A comprehensive security and performance audit of the browser's installed extensions was conducted. The objective was to identify and eliminate unnecessary, unused, or potentially malicious extensions to enhance browser security, protect personal data, and improve performance. The audit was successful, resulting in the removal of one non-essential extension and a full review of all remaining add-ons.

2. Process Followed

The audit was performed following a systematic, step-by-step process:

1. **Accessed Extension Manager:** The browser's central extension management page was opened to view a complete list of all installed add-ons.
2. **Conducted Full Review:** Each extension was individually evaluated based on its name, function, and frequency of use.
3. **Permission and Security Check:** For each extension, the permissions were carefully reviewed to ensure they were appropriate for the extension's function. User reviews and developer reputation were also considered.
4. **Identification of Removals:** Based on the review, one extension was identified as unnecessary and was flagged for removal.
5. **Execution of Removal:** The identified extension was successfully uninstalled from the browser.
6. **Finalization:** The browser was restarted to ensure all changes took effect and to observe any improvements in performance.

3. Results and Findings

The audit yielded the following results:

Extension Removed:

- **Extension Name:** [Please enter the name of the extension you removed]
- **Reason for Removal:** [Please state your reason, e.g., No longer used, Seemed suspicious, Slowed down the browser, Had excessive permissions]

Extensions Reviewed and Kept:

- A full review of all other extensions was completed. Those remaining were deemed safe, necessary, and from reputable sources. [Optional: You can list the extensions you decided to keep here]

4. Outcome and Recommendations

Outcome:

- **Improved Security:** The browser's attack surface has been reduced, lowering the risk of data theft, malware, and browser hijacking.
- **Enhanced Performance:** Removing unnecessary code may lead to faster browser startup and webpage loading times.
- **Increased Awareness:** A clear understanding of the permissions and functions of all installed extensions has been achieved.

Recommendations:

1. **Continuous Vigilance:** Be cautious when installing new extensions in the future. Always scrutinize permissions before agreeing to install.
2. **Regular Maintenance:** It is recommended to perform this audit periodically (e.g., every 3-6 months) to maintain optimal browser health and security.
3. **Monitor Performance:** Continue to observe browser behavior to ensure it remains fast and free of unexpected issues.

