

## Task 7 :Identify and Remove Suspicious Browser Extensions

### Objective:

Learn how to detect and remove potentially harmful browser extensions to enhance browser performance and security.

### Tools Used:

- Google Chrome
- Mozilla Firefox

### Steps Taken:

1. Opened Extension Manager:
  - Chrome: Menu (:) > Extensions > Manage Extensions
  - Firefox: Menu (≡) > Add-ons and Themes > Extensions
2. Reviewed Installed Extensions:
  - Carefully examined the list of all installed extensions.
3. Checked Each Extension for:
  - **Permissions Requested:** Access to all websites, clipboard, browsing history, etc.
  - **User Reviews & Ratings**
  - **Publisher Authenticity**
  - **Last Updated Date** (outdated extensions can pose risks)
  - **Usage Status** (unused or unknown purpose)
4. Categorize each of them based on :
  - Safe & Useful Extensions (Low Risk) :

Extension	Purpose	Notes
Cookie Editor	Allows viewing/editing cookies.	Useful for developers. Keep only if you understand what you're doing.
Enable Copy Paste - E.C.P	Enables copy-paste on restricted websites.	Safe, but use with caution on sensitive forms.
LeetSync - Leetcode to Github	Sync LeetCode submissions to GitHub.	Developer-focused. Harmless.
Open Multiple URLs	Opens a list of URLs at once.	Lightweight tool. No major concern.
RevEye Reverse Image Search	Reverse image search tool.	Good utility. Trusted.
Shodan	Info on websites/IPs/ports.	Useful for cybersecurity. Safe if you understand its use.
Wappalyzer	Shows website tech stacks.	Widely used. Safe.

- Medium Risk Extensions (Review Purpose & Usage) :

Extension	Risk Factors	Recommendation
Sider: Chat with all AI models	Needs wide access to pages/content.	If unused, remove. These often require high-level permissions.
Touch VPN	Free VPNs can log data, insert ads, or sell info.	Consider removing and use trusted VPNs like ProtonVPN, Mullvad, or NordVPN.

- High Risk / Redundant Extensions (Recommended to Remove)

Extension	Why It's Risky
telegram video downloader - Private Video Downloader	May violate privacy/ToS. Often linked with shady behavior.
Telegram Video Downloader - TG Downloader	Redundant and same function as above.

## 5. Restarted Browsers:

- Checked for improved startup time and performance.
- Verified that browsing was smoother and CPU usage was slightly lower.

## 6. Researched Impact of Malicious Extensions:

- Malicious extensions can:
  - Track your keystrokes or steal passwords
  - Inject ads and redirect search results
  - Capture browsing history and personal data
  - Install backdoors or additional malware