

# Browser Extension Security Review

Task: Identify and Remove Suspicious Browser Extensions (Review Phase Completed)  
Browsers Examined: Google Chrome, Mozilla Firefox

## **Objective:**

To learn to spot and remove potentially harmful browser extensions by reviewing currently installed extensions, their permissions, and their purpose.

## **General Steps Undertaken:**

1. Accessed Extension Managers:

- ◆ Mozilla Firefox: Navigated to about:addons
- ◆ Google Chrome: Navigated to chrome://extensions

2. Reviewed Installed Extensions: Each installed extension in both browsers was listed and identified.

3. Checked Permissions and Details: Permissions, publisher, and purpose reviewed for each extension.

4. Assessed Necessity and Suspicion Level: Evaluated permissions against intended use.

5. Action Taken: No extensions removed. Focus was on review and learning.

6. Browser Restart & Performance Check: Not applicable since no removal was performed.

7. Research on Malicious Extensions: Undertaken as part of learning.

## **Mozilla Firefox Review:**

**Extension Name:** FoxyProxy

**Description:** Easy to use advanced Proxy Management tool for everyone.

**Status:** Enabled

**Permissions Reviewed:**

- Download files and read/modify browser download history
- Display notifications
- Control browser proxy settings
- Access browser tabs
- Optional Permissions (currently OFF):
- Clear browsing history, cookies, etc.
- Read/modify privacy settings
- Access data for all websites

**Assessment:** Permissions align with proxy functionality. Optional sensitive permissions are disabled.

**Action Taken:** Reviewed only, no removal.

**Google Chrome Review:**

**1. Extension Name:** Google Docs Offline

**Description:** Official Google extension for offline Docs access.

**Status:** Enabled

**Permissions:**

- Site access limited to docs.google.com and drive.google.com

**Assessment:** Permissions appropriate and restricted to Google services.

**2. Extension Name:** McAfee WebAdvisor

**Description:** McAfee Web protection tool

**Status:** Enabled

**Permissions:**

- Read browsing history
- Block content on pages
- Manage downloads
- Communicate with native apps
- Access all data on websites (on all sites)

**Assessment:** Broad but expected permissions for security tools. Trustable source.

**Action Taken:** Reviewed only, no removal.

**Deliverables Summary:**

No suspicious extensions were found and removed. All extensions were reviewed based on permissions and purpose.

**Outcome Achieved:**

Successfully developed awareness about browser extension risks and gained hands-on experience in reviewing them. Practical familiarity with navigating and assessing extension permissions was achieved.