

Task 7: Identify and Remove Suspicious Browser Extensions

OS & Browser: Kali Linux (Firefox)

1. Objective

To review, identify, and remove potentially harmful or unnecessary browser extensions in order to enhance browser security and improve performance.

2. Tools Used

- Operating System: Kali Linux
- Browser: Mozilla Firefox

3. Steps Performed

1. Opened Firefox and pressed Ctrl + Shift + A to access the Add-ons Manager.
2. Selected the Extensions section to review installed browser extensions.
3. Checked each extension's developer, permissions, and user ratings.
4. Verified whether each extension was necessary for daily tasks.
5. Marked unused or suspicious ones for removal.
6. Removed unnecessary extensions.
7. Restarted Firefox to ensure changes took effect.

4. Extensions Found & Actions Taken

Extension Name	Status Before	Suspicious Indicator(s)	Action Taken	Notes
Dark Reader	Enabled	None – trusted & widely used	Kept	Improves readability
Consent-O-Matic	Enabled	None – reputable developer	Kept	Blocks cookie popups
OneTab	Enabled	None – useful tab manager	Kept	Reduces memory usage
LeechBlock NG	Enabled	None – productivity extension	Kept	No malicious activity found

5. Outcome

No suspicious or malicious extensions were found. All installed extensions were verified as legitimate and useful. Browser performance remains stable with no security risks detected.

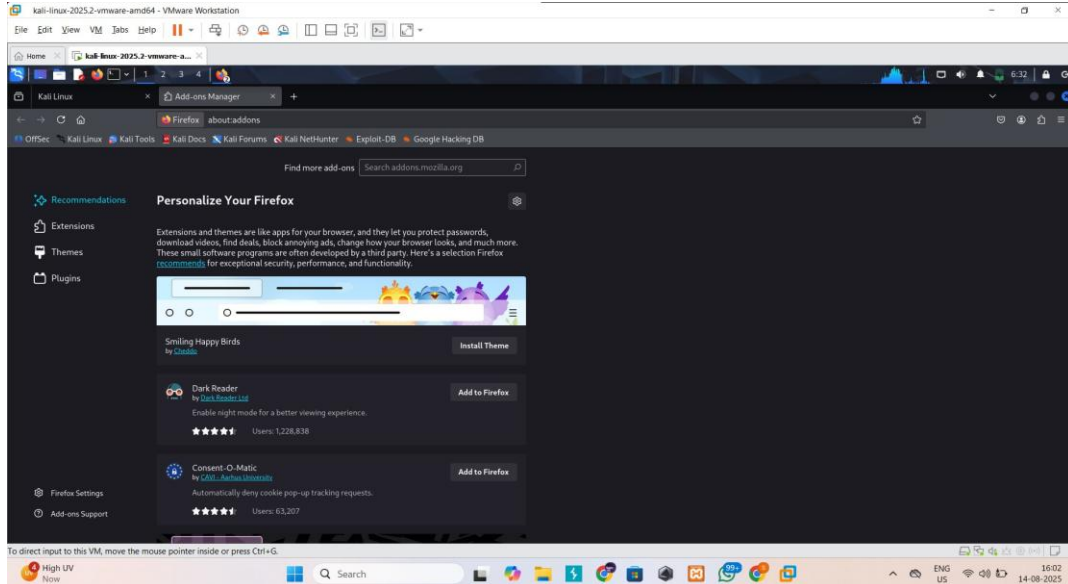
6. How Malicious Extensions Can Harm Users

- Stealing login credentials and personal data.
- Tracking browsing history and selling it to advertisers.
- Injecting malicious ads or redirecting to phishing websites.
- Downloading additional malware.

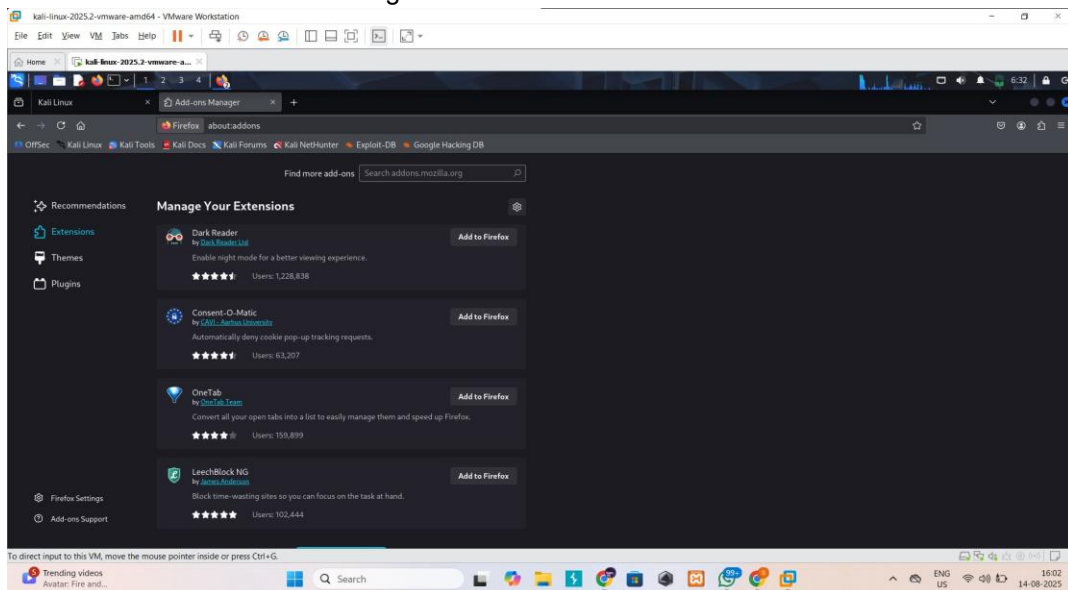
- Impersonating legitimate services to trick users.

7. Screenshots

Screenshot 1: Firefox Add-ons Manager – Recommendations Tab



Screenshot 2: Firefox Add-ons Manager – Installed Extensions



8. Conclusion

Regularly auditing browser extensions is an essential cybersecurity habit. Although no suspicious extensions were found in this review, awareness of extension risks helps maintain secure and efficient web browsing.