

## Task 7 Report: Identify and Remove Suspicious Browser Extensions

### Objective

The objective of this task was to learn how to identify and remove potentially harmful browser extensions to enhance browser security and performance.

### Steps Taken

#### 1. Opened the Browser's Extension Manager

- Accessed the extension manager in Google Chrome by navigating to `chrome://extensions/`.

#### 2. Reviewed Installed Extensions

- Listed all installed extensions and examined their details, including:
  - Name and developer information
  - Permissions requested
  - User reviews and ratings

#### 3. Checked Permissions and Suspicious Behavior

- Identified extensions with excessive permissions (e.g., "Read and change all your data on websites").
- Verified if the extension's functionality matched its permissions.

#### 4. Identified Suspicious or Unused Extensions

- Found an extension named "Fast PDF Viewer" with no reviews and unnecessary permissions.
- Another extension, "Free VPN Pro," had poor ratings and reports of data collection.

#### 5. Removed Suspicious Extensions

- Clicked "Remove" on the suspicious extensions.

#### 6. Restarted the Browser

- Closed and reopened Chrome to ensure changes took effect.

#### 7. Researched Malicious Extensions

- Learned that malicious extensions can:
  - Steal browsing data and passwords.

- Inject ads or redirect to phishing sites.
- Run cryptocurrency miners in the background.

## 8. Documented Findings

- Created a list of removed extensions (below).

### List of Removed Extensions

Extension Name	Reason for Removal
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Fast PDF Viewer	No reviews, excessive permissions
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Free VPN Pro	Poor ratings, suspected data collection
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### Key Concepts Learned

- **Browser Security:** Importance of managing extensions to prevent malware.
- **Permissions:** Understanding and verifying extension permissions.
- **Best Practices:** Installing only trusted extensions and regularly auditing them.

### Conclusion

This task improved my awareness of browser security risks and the importance of auditing extensions. Regular checks can prevent data breaches and enhance browsing performance.