**CTF Topic: Analyzing Web Page Security Using "Malware & URL Scanner” Extension**

**1. Introduction**

"Malware & URL Scanner" is a Chrome extension designed to help users detect malware and analyze the security of URLs. This Capture the Flag (CTF) scenario introduces beginners to the basics of using the "Malware & URL Scanner" extension to identify potential security issues on a given webpage.

**2. Tools and Requirements**

Malware & URL Scanner Chrome Extension: An extension for Google Chrome that helps in detecting malware and analyzing URL security.

**3. Scenario**

In this scenario, you will use the "Malware & URL Scanner" extension to analyze the webpage for example.com. Your tasks include identifying security issues and capturing flags based on the analysis.

**4. Process to follow while performing CTF**

Step 1: To start, install the "Malware & URL Scanner" extension from the Chrome Web Store or open the provided link:

<https://chromewebstore.google.com/detail/malware-url-scanner/ianpniapgjchiheejeipopldaanbjicd>

Step 2: Use this extension to analyze the provided webpage and solve the challenges to capture the flags.

**Questions and Answers**

Flag 1: Malware Detection

Task: Use the "Malware & URL Scanner" extension to check if the example.com webpage contains any malware.

URL: example.com

Question: Does the example.com webpage contain any malware?

Hint: Use the extension to scan the webpage for malware.

Answer: No

Flag Captured.

Flag 2: Phishing Detection

Task: Use the "Malware & URL Scanner" extension to determine if the example.com webpage is associated with phishing activities.

URL: example.com

Question: Is the example.com webpage associated with phishing activities?

Hint: Use the extension to scan the webpage for phishing indicators.

Answer: No

Flag Captured.

**Hint**