# **CTF Topic: NoScript**

# **Introduction**

NoScript is a security extension for web browsers that allows JavaScript, Java, Flash, and other plugins to be executed only by trusted websites of your choice. It is a powerful tool to mitigate various web-based attacks by blocking potentially harmful scripts.

# **Tools and requirements**

NoScript Chrome Extension

Basic understanding of web security and JavaScript

# **Link (File)**

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# **Scenario**

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# **Process to Perform**

**Install NoScript:**

Download and install the NoScript Chrome extension from the Chrome Web Store.

**Navigate to the Website:**

Open a browser tab and navigate to http://malicious.example.com.

**Analyze Scripts:**

Use NoScript to block and analyze the scripts running on the website.

Identify which scripts are being blocked and understand their potential impact.

# **Let's Begin The Challenge**

# **Question**

**Question 1**

After navigating to http://malicious.example.com, what is the name of the first script blocked by NoScript?

**Hint 1: malicious.js**

**Question 2**

What is the potential impact of the blocked script on the user's security?

**Hint 2: Data theft**

**Question 3**

Enable scripts from trusted.example.com and reload the page. What is the result of allowing this script to run?

**Hint 3: Page loads with additional content**

**Question 4**

Describe one way in which NoScript enhances web security for users.

**Hint 4: Prevents XSS attacks**

# **Hint**

**Install and Enable NoScript:**

Install the NoScript extension and ensure it is active in your browser.

**Navigate and Analyze:**

Go to http://malicious.example.com and use NoScript to view and analyze the blocked scripts.

**Enable and Observe:**

Allow scripts from trusted.example.com using NoScript and reload the page to see the effects.