### **CTF Challenge: Domain and IP Address Research using SpyOnWeb**



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#### **Introduction**

Spyonweb is a tool that allows users to uncover information about domains and IP addresses, such as other websites hosted on the same IP, analytics and AdSense IDs shared across different domains, and other useful details. This type of research can help security professionals understand the relationships between different websites and identify potential connections to malicious activities.

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#### **Tools and Requirements**

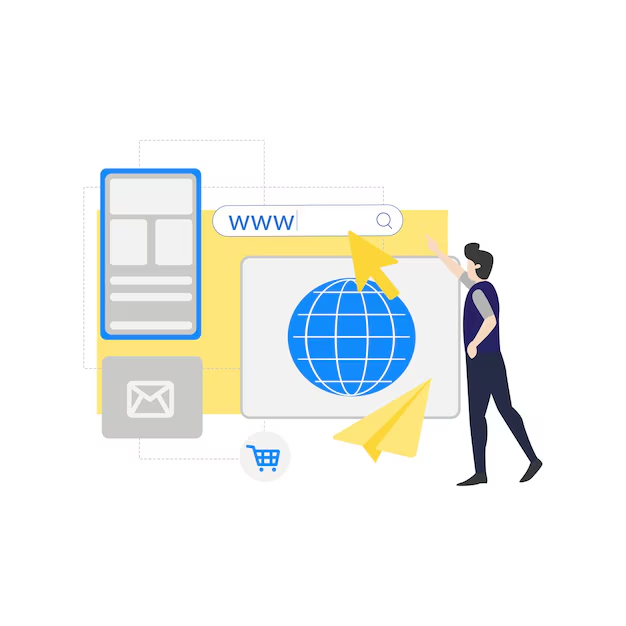
**Browser**: A standard web browser to access online tools.

**Spyonweb**: [Spyonweb](https://spyonweb.com/)

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#### **Scenario**

Mark is investigating a suspicious domain and needs to gather as much information as possible about it. By using Spyonweb, he can find related domains, shared IP addresses, and other insights that may reveal connections to other malicious sites or activities. This exercise will help him understand the importance of domain and IP address research in cybersecurity investigations.



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#### **Process to Follow while performing CTF**

**Step 1:** Open your web browser and go to [Spyonweb](https://spyonweb.com/).

**Step 2:** Input the suspicious domain or IP address **islington.edu.np** and start the search.

**Step 3:** Analyse the related domains, shared IP addresses, and other information provided by Spyonweb.

**Step 4:** Note any interesting or suspicious connections between the target domain and other sites.

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#### **5. Let’s Begin the Challenge**

#### **Question**

**Flag 1**: How many domains share IP addresses same as given IP address?

**Answer**: 105

**Flag Captured.**

**Flag 2**: How many domains are hosted in george.ns.cloudflare.com ?

**Answer**: 14988

**Flag Captured.**

**HINT**

