**CTF Topic: Foxy Proxy**

**Introduction**

Foxy Proxy is a Firefox extension that simplifies the process of configuring your browser to use a proxy server. It allows for quick and easy switching between multiple proxy settings, making it an essential tool for penetration testers and those seeking to anonymize their internet traffic.

**Tools and Requirements**

Foxy Proxy Extension: Install the Foxy Proxy extension for Firefox.

Proxy Server: Set up or have access to a proxy server.

**Link**

<https://addons.mozilla.org/en-US/firefox/addon/foxyproxy-standard/>

**Scenario**

You have been tasked with accessing a restricted website that is only available through a proxy server. Your goal is to configure Foxy Proxy to route your traffic through the proxy server and access the website.

**Begin**

**Install Foxy Proxy:** Go to the Foxy Proxy extension page and install the extension on your Firefox browser.

**Configure Proxy Settings:**

Open the Foxy Proxy settings by clicking on the Foxy Proxy icon in the toolbar.

Add a new proxy by selecting "Add New Proxy".

Enter the IP address and port number of your proxy server.

Save the settings and ensure the proxy is enabled.

**Access the Restricted Website:**

Once the proxy is configured, attempt to navigate to the restricted website.

Verify that the traffic is being routed through the proxy by checking the website's access logs or using an IP-checking service to see your public IP.

**Questions**

**Flag 1:** What is the primary purpose of Foxy Proxy?

**Ans: Anonymization**

**Flag 2:** How do you add a new proxy server in Foxy Proxy?

**Answer: Add**

**Flag 3:** What are the key benefits of using a proxy server with Foxy Proxy?

**Answer: Privacy**

**Flag 4:** How can you verify that your traffic is being routed through the proxy server?

**Answer: IP-check**

**Hint**

If you are having trouble configuring the proxy, double-check the IP address and port number. Ensure that the proxy server is operational and not blocked by any firewall settings.