

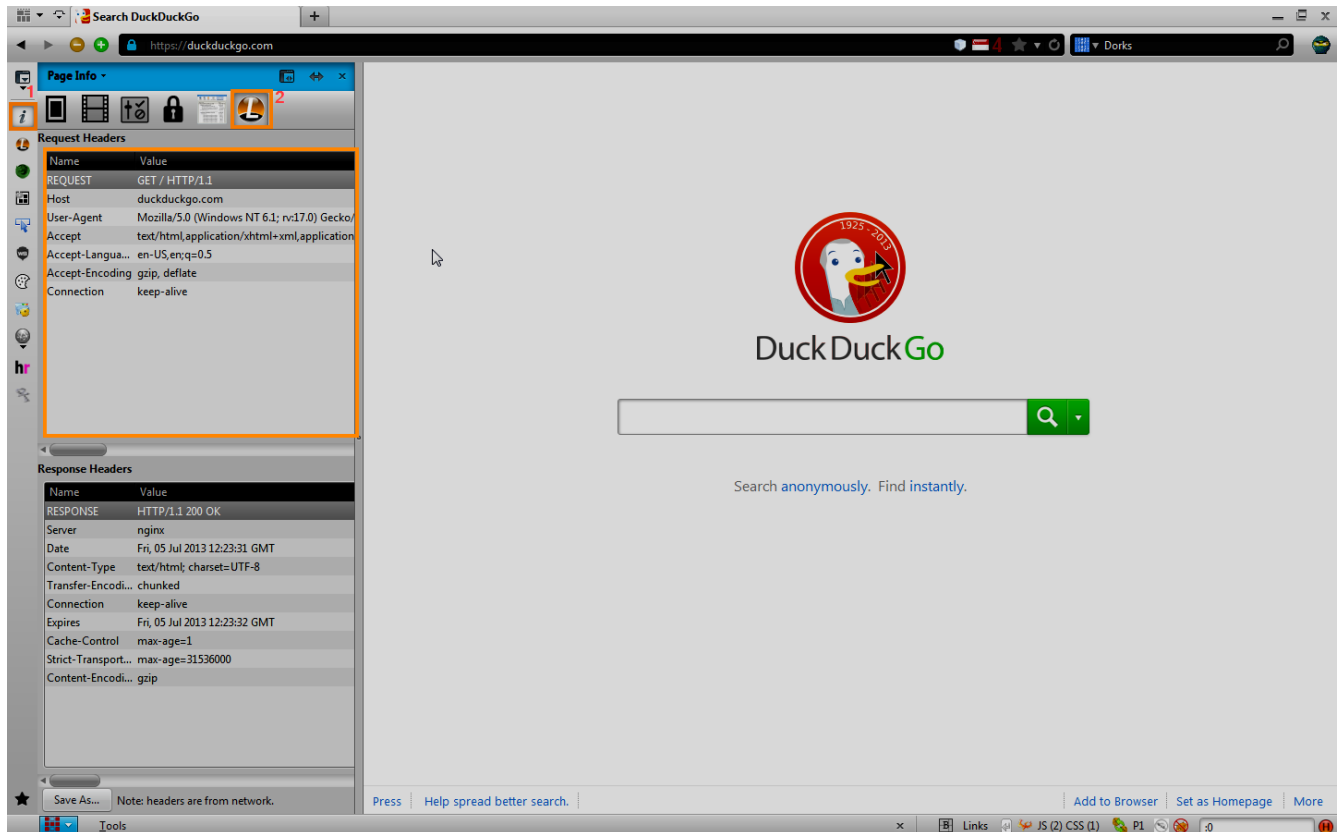


# HTTP Headers Spoofing using Hcon Security Testing Framework

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## Spoofing HTTP Headers – Hcon Security Testing Framework

Whenever we visit any site or use web application, we request data by sending HTTP requests to the server. This HTTP requests uses different HTTP headers.



One interesting thing about this headers is that some of them reveals your IP address to the server by sending it in the HTTP headers.

The responsible headers for this are,

**X-Forwarded-For** – Shows origin of the request sender or even from any HTTP proxy

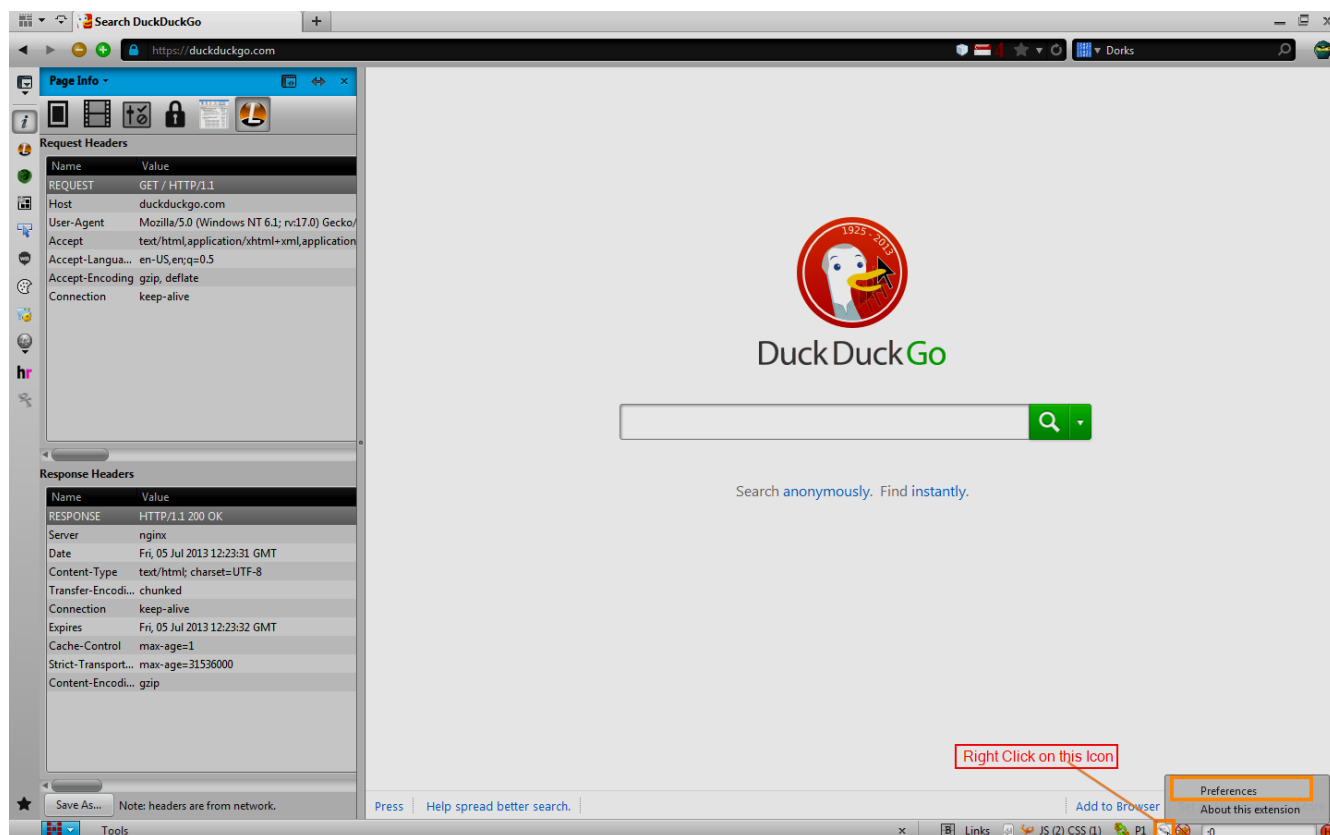
**Client-IP** - Shows the IP of the request sender

**Via** – Sends IP address of proxies used

But instead of revealing the information or just making it blank and sending it to the server, we can spoof it and use any IP to send it to server easily by HconSTF.

## Spoofting HTTP Headers – Hcon Security Testing Framework

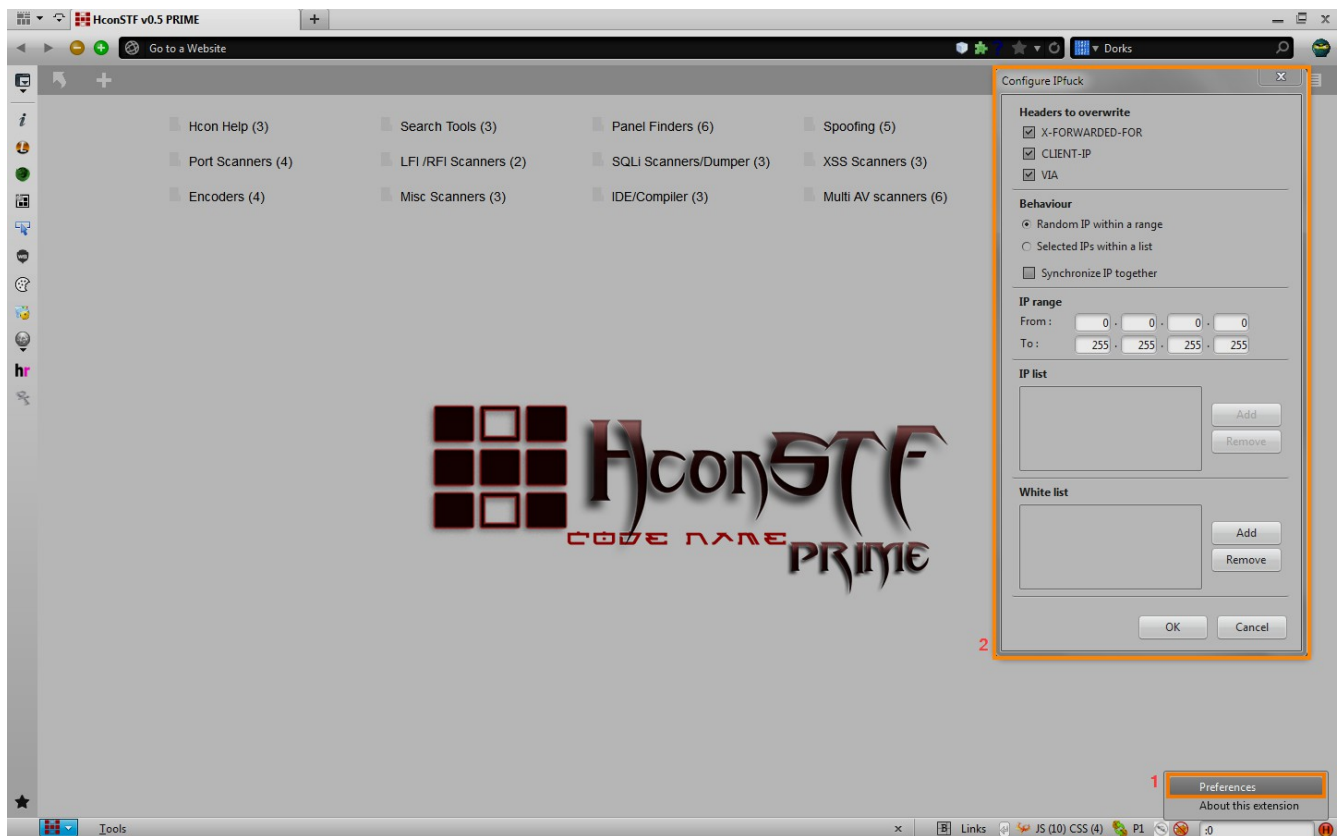
Let us do that using HonSTF, See the location in the image and right click on the icon



By using this we will add custom headers into the HTTP request which will misguide the server.

## Spoofting HTTP Headers – Hcon Security Testing Framework

Lets we configure it to use the custom headers we want.

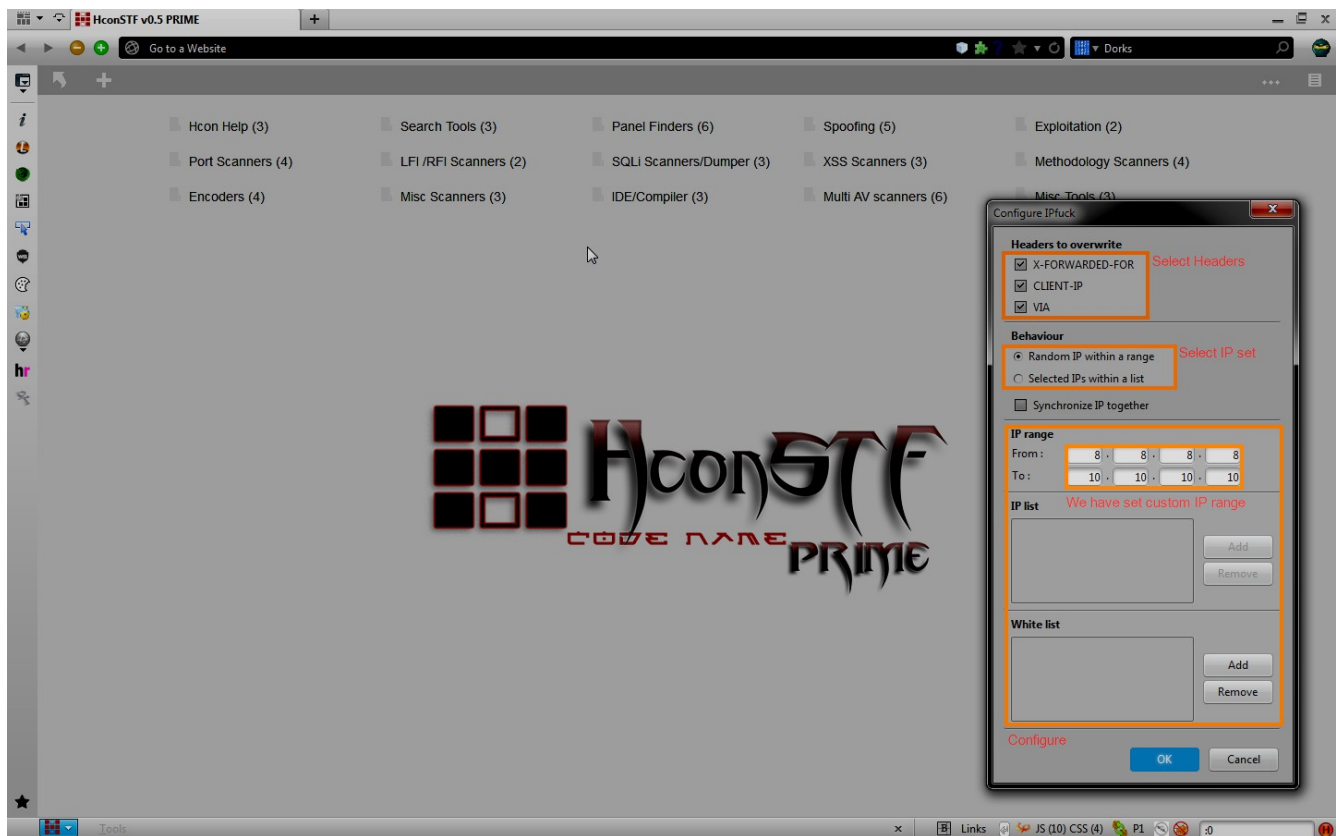


Right click the icon and open Preferences we can configure it to use,

- Random range of IP Address
- Provide a list of IP address to use

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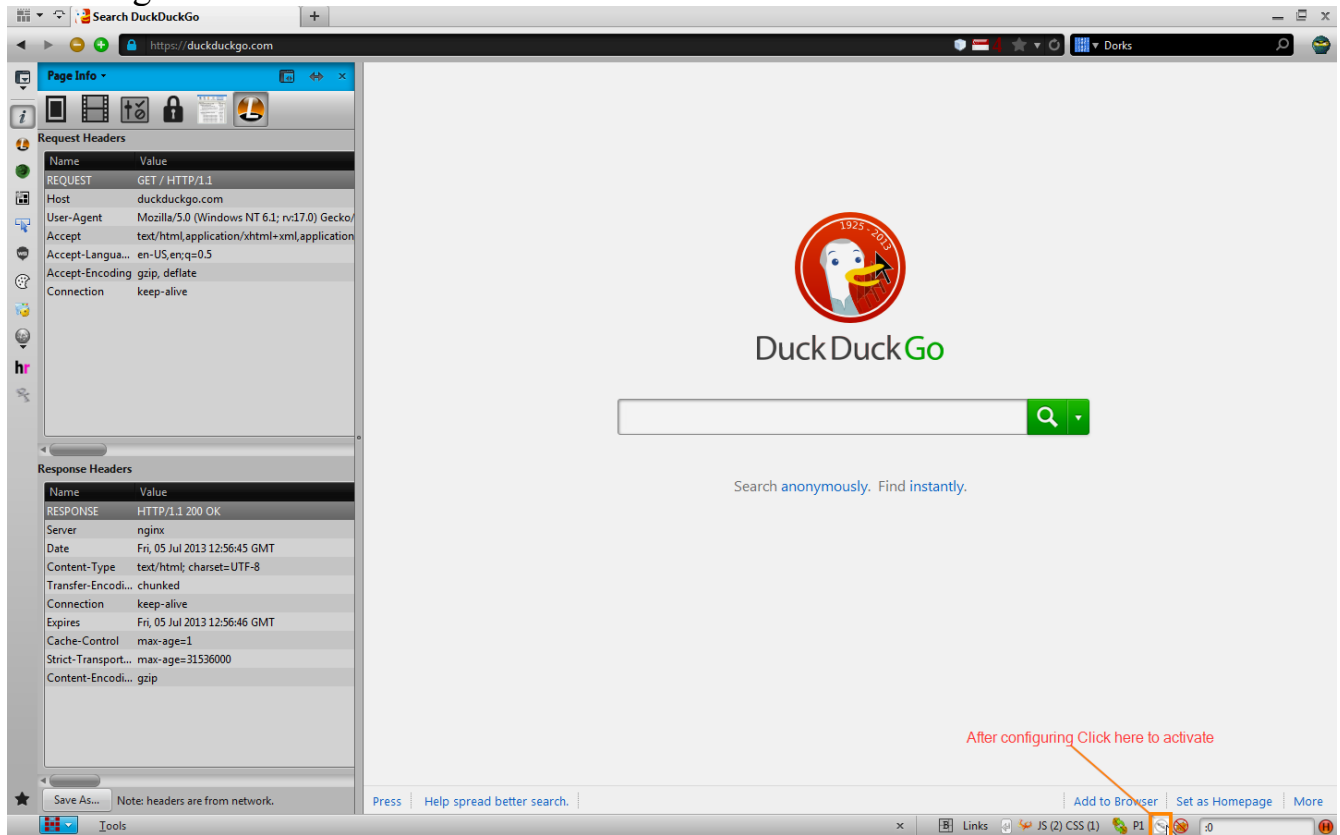
Now lets configure as we want and activate tool and see the results



1. We will going to use all the headers to send so selecting all the type of HTTP headers
2. Choosing the random IP address range and adding range from 8.8.8.8 to 10.10.10.10
3. lets now save it by OK and activate the configurations by just clicking on the icon, it will turn dark.

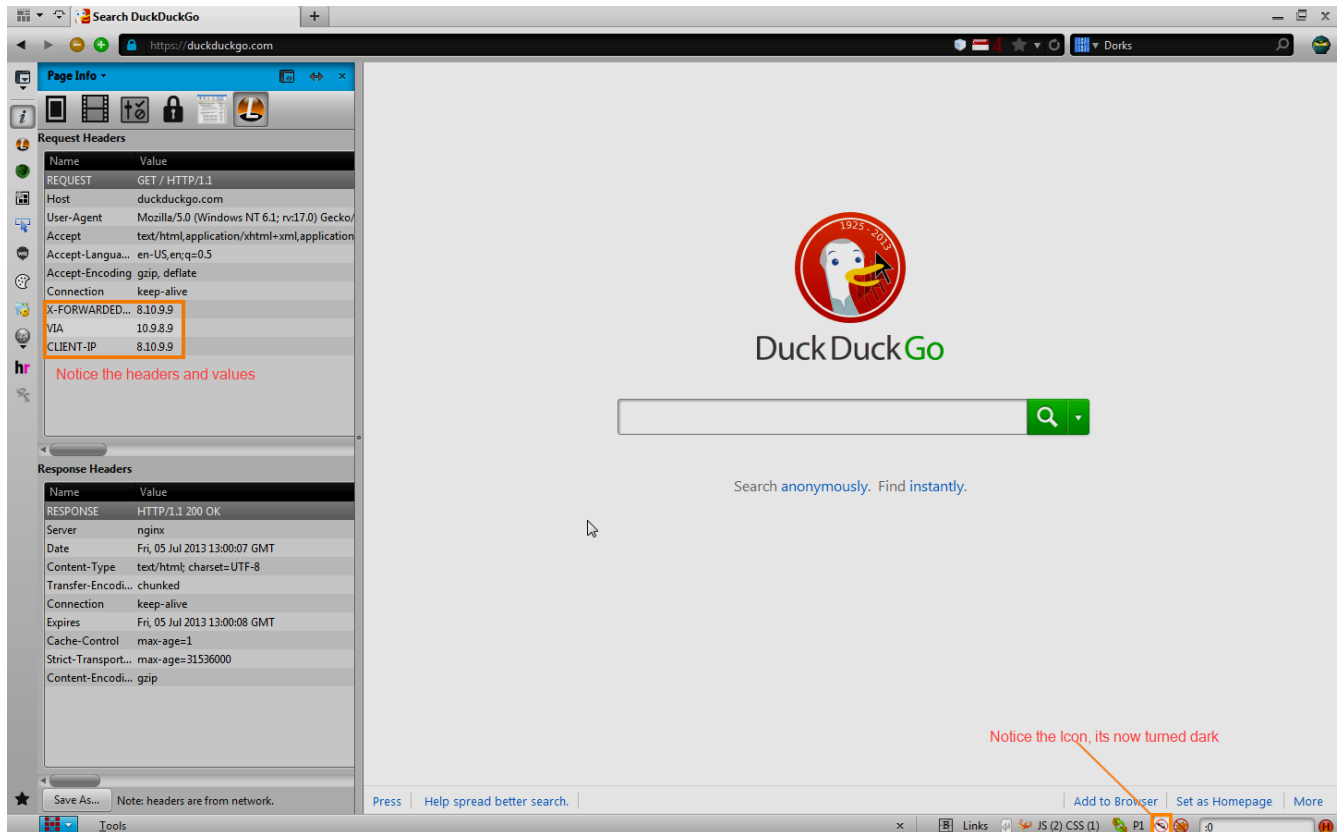
# Spoofting HTTP Headers - Hcon Security Testing Framework

Now to test it just refresh the page and open the Header reader as shown in the first image.



## Spooftng HTTP Headers – Hcon Security Testing Framework

Lets test the configuration we done and see if it is working or not, open HTTP headers now



Need any help further on this ? : <http://www.Hcon.in/community.html>

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