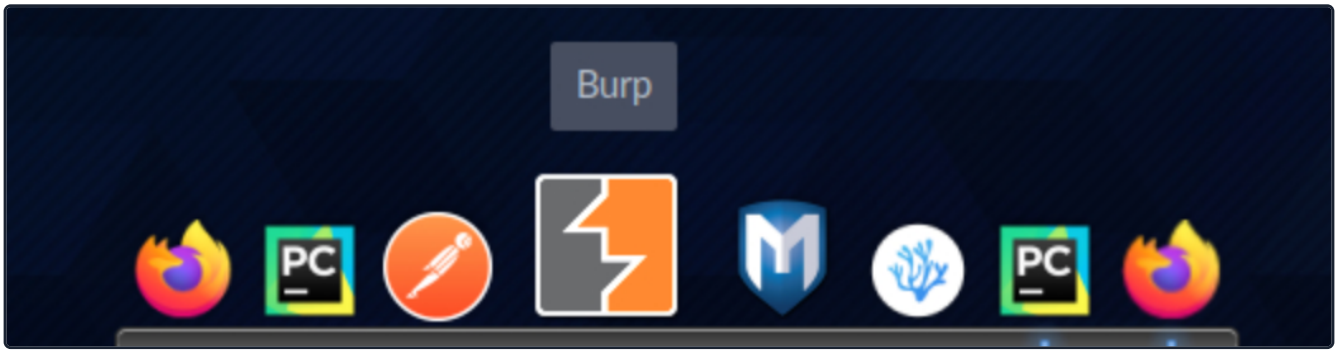
Request and Response

Note: You can follow along by spawning the target at the end of this section.

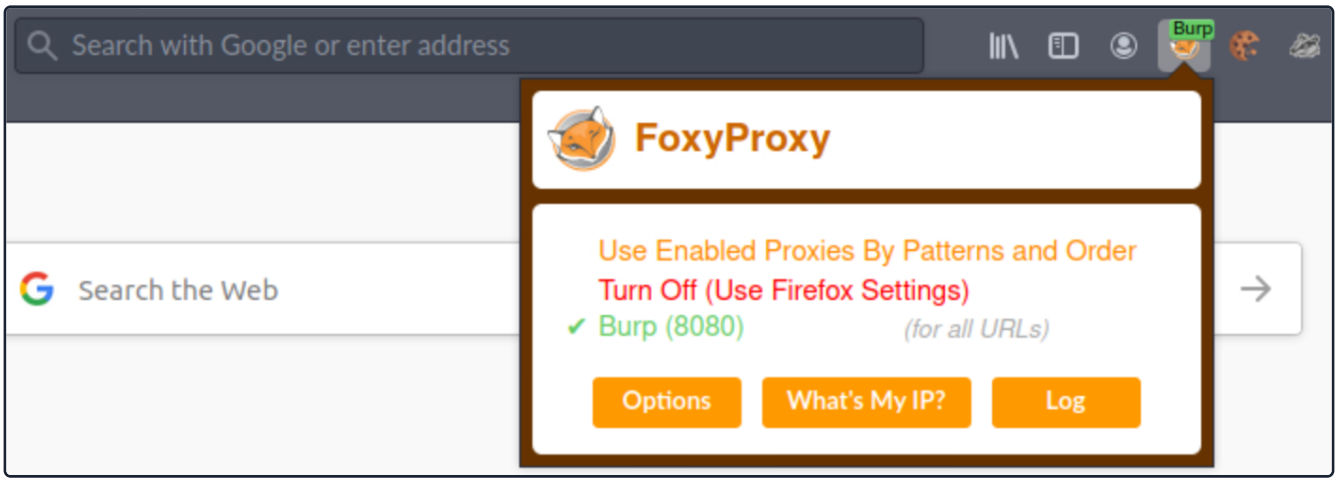
Setting up Burp Suite

Before we move further, let's look at how to set up Burp Suite. Burp Suite is a tool that acts as a proxy server and can be used to examine and modify HTTP requests. It provides a proxy that can route traffic from the browser through the proxy and view the various requests and responses between the client (web browser) and the webserver.

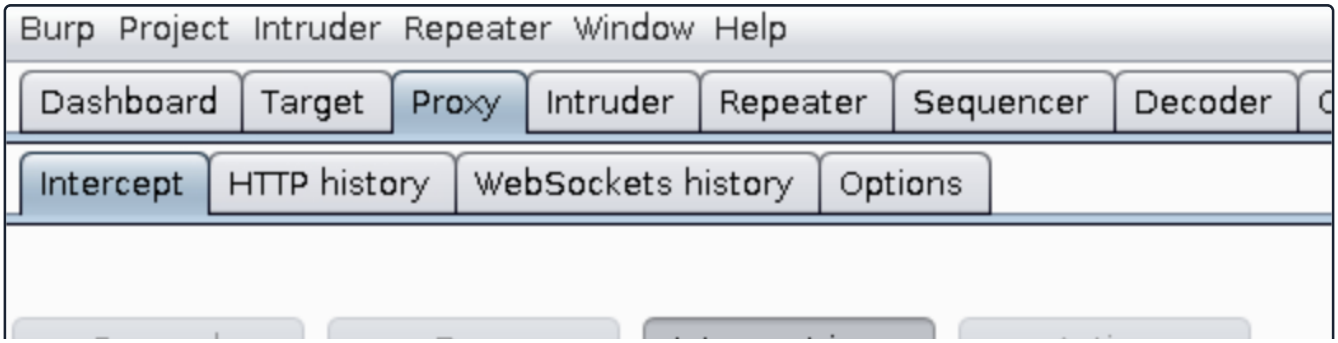
Start the target instance from the `Questions` section below. Next, open your workstation instance and then click on the Burp icon on the bottom bar.



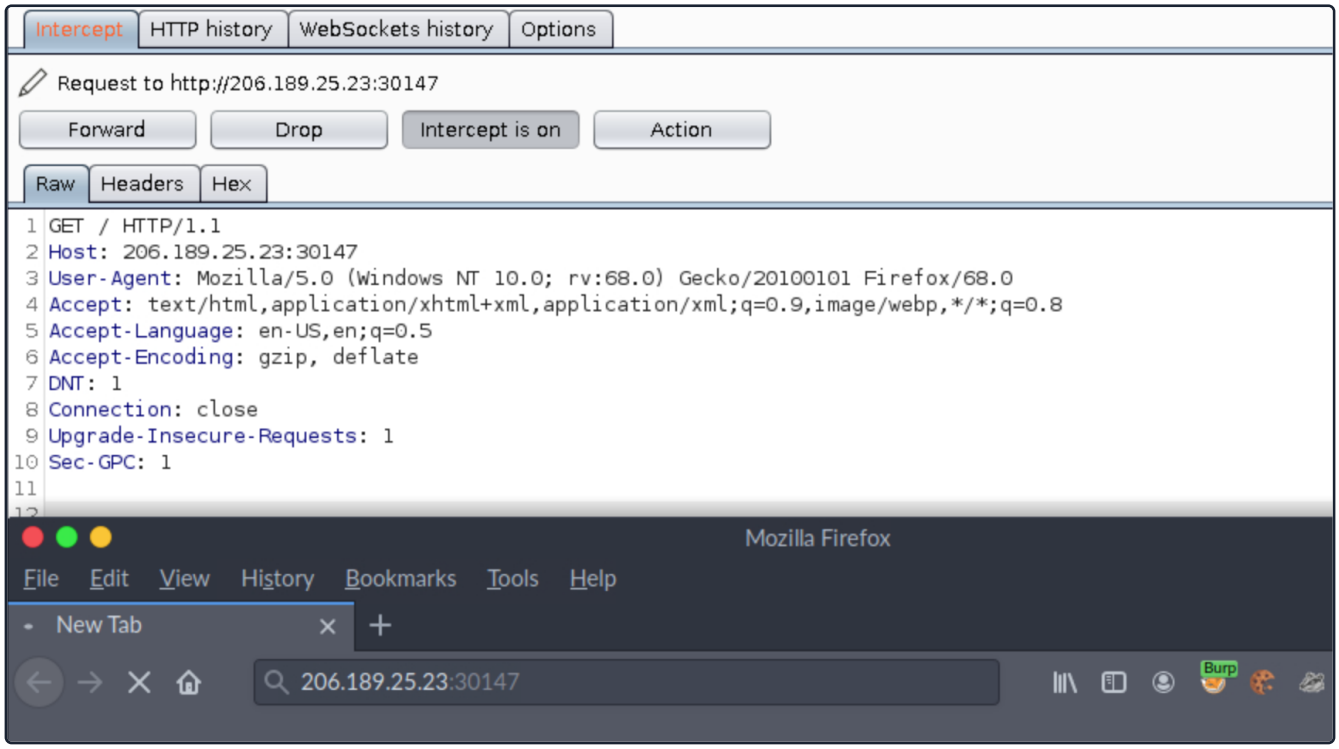
Close any of the prompts and then click on `Next` > `Start Project`. Now open Firefox and click on the `FoxyProxy` extension on the URL bar. Choose `Burp` from the list; this is the Burp proxy, which our requests will be routed through.



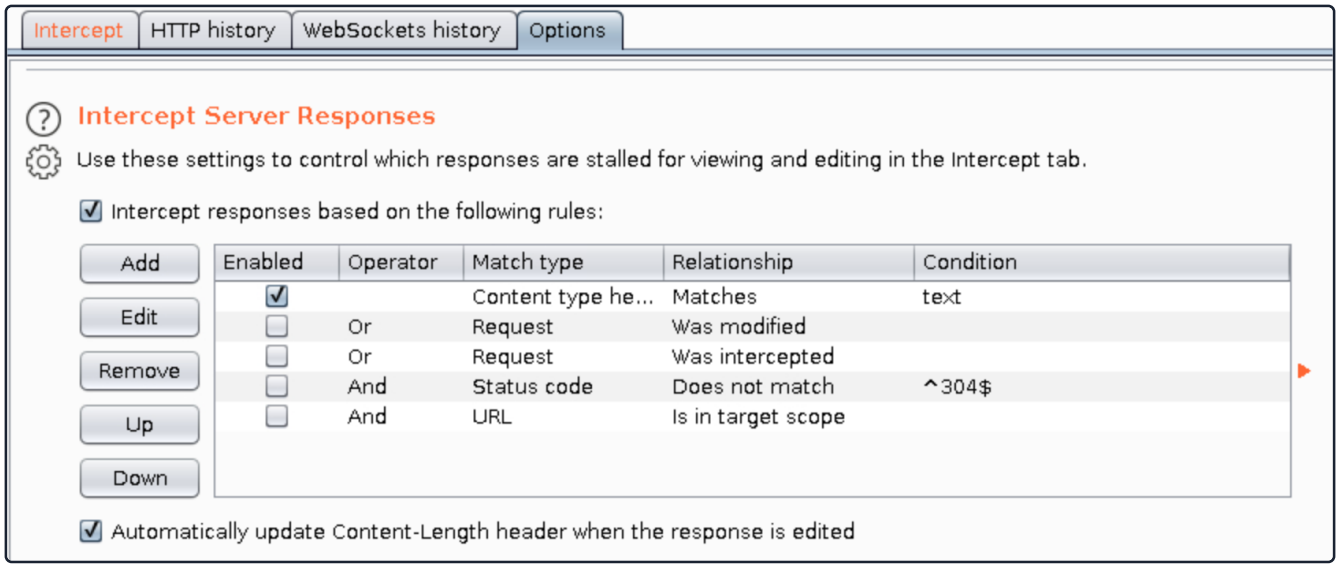
In Burp, click on the `Proxy` tab and ensure that the `Intercept is on` button is enabled. Click on `Forward` in case the request box is populated already until it's empty.

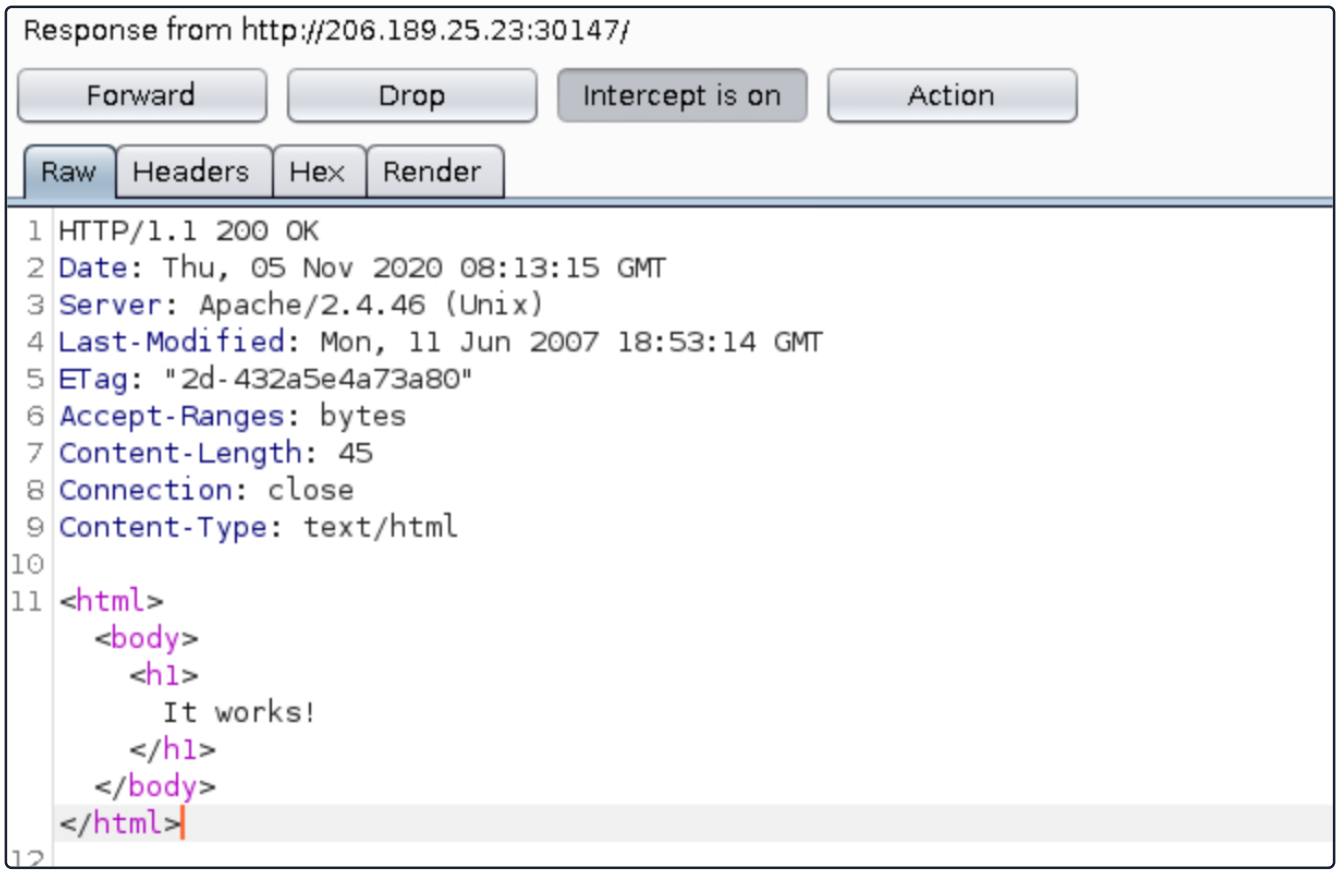


Switch to the browser and enter the target URL into the URL bar (`http://SERVER_IP:PORT` as will be shown in the exercise at the end).



After this, the request should be intercepted by Burp and appear as above. In order to intercept responses, click on `Options` and tick `Intercept Server responses`.

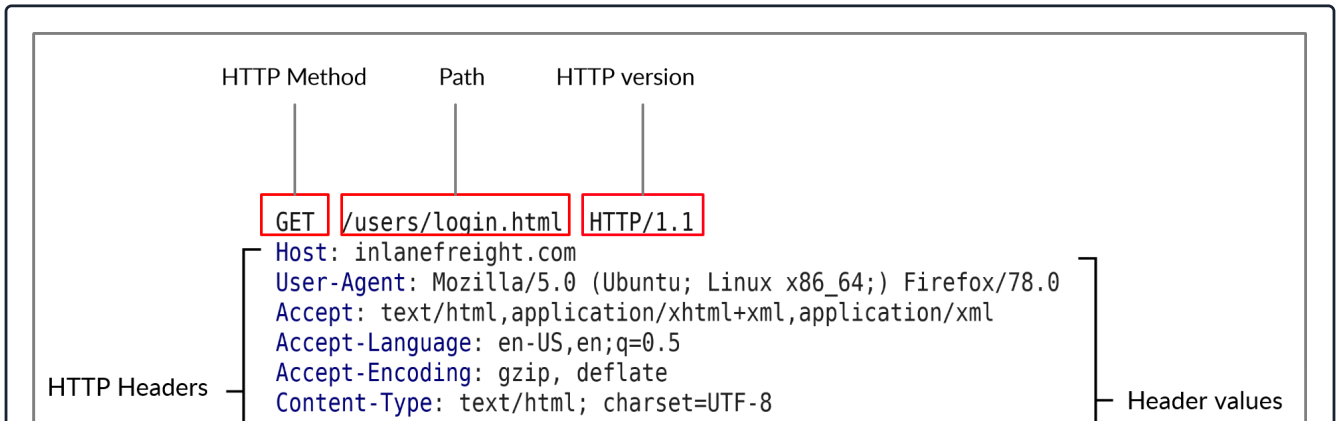




This should present us with the server response, as shown above. Click on `Forward` to forward this to the browser.

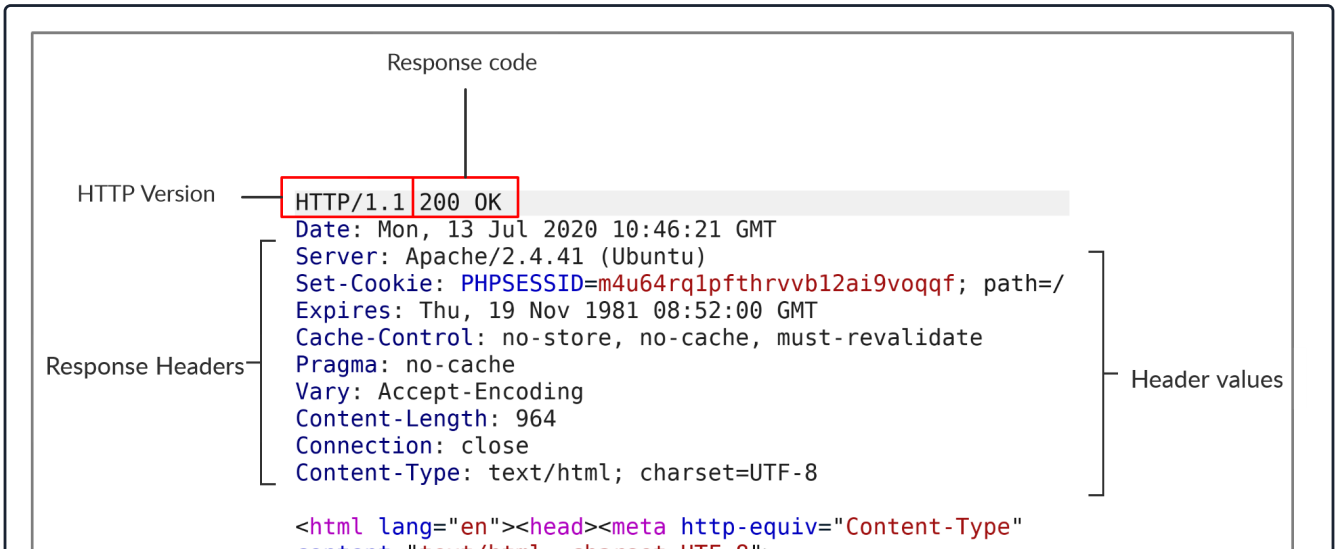
HTTP Request

Let's look at a raw HTTP request, as seen from Burp.



HTTP Response

Next, let's look at a raw HTTP response.



Full Screen Terminate Reset

Life Left: 107m

Connected to htb-45lefg5qzd.htb-cloud.com:1 (htb-ac330005)

Questions

Answer the question(s) below to complete this Section and earn cubes!

Cheat Sheet