

BURPSUITE WEB APP PROXY Software Guide

BURPSUITE WEB APP PROXY

This guide covers the basics of using Burp Suite, the web app proxy. Burp Suite is a collection of tools, implemented and written in Java. These can be applied to perform several tasks related to network security and it links directly to a web browser.

Why use Burp Suite?

Burp Suite, also known as Burp, is an industry-standard penetration testing tool. Burp can intercept traffic through a basic HTTP proxy for playback and analysis. It can be used as a security scanner for web applications and has built-in tools to perform automated attacks against a targeted web application. Its primary purpose is to use the information gathered with other tools to test the vulnerabilities of the web application being pen-tested.

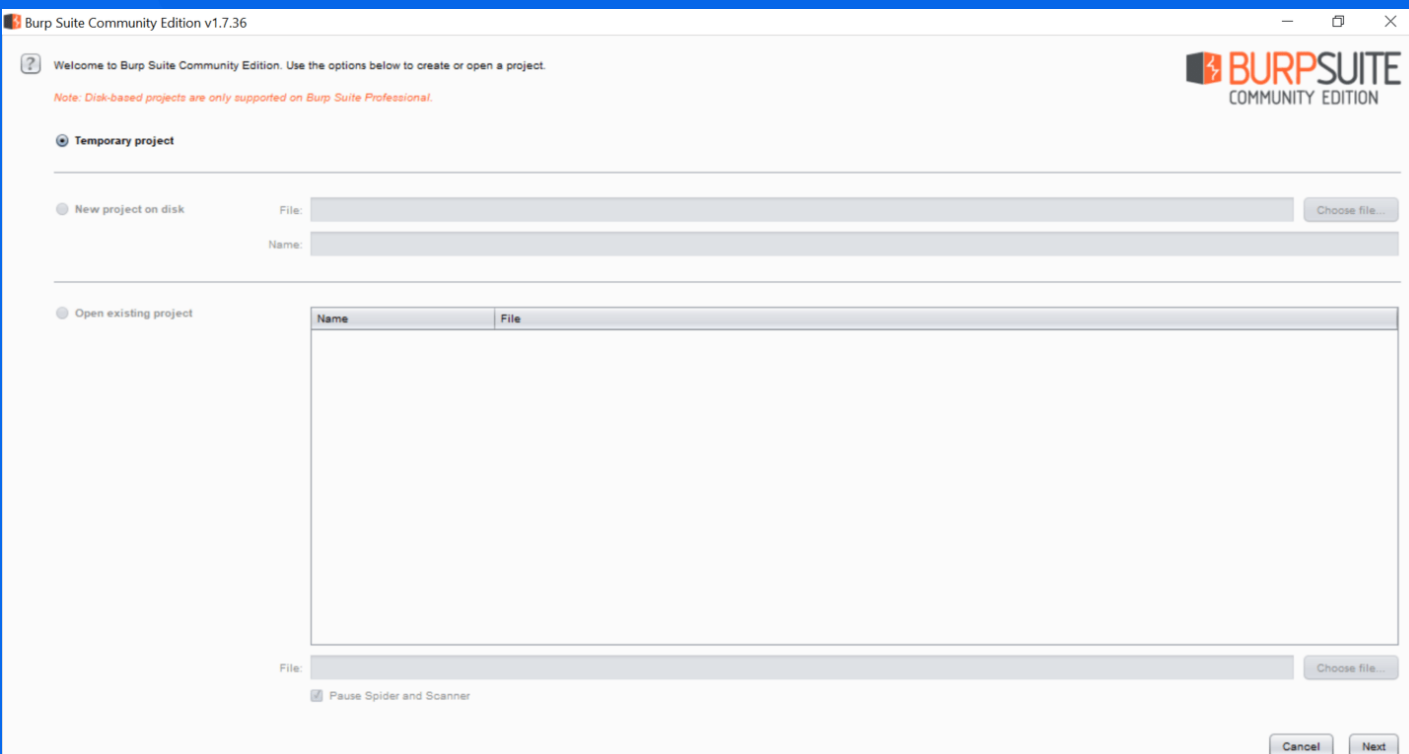
Launch Burp Suite

Burp Suite comes pre-installed on Kali Linux. It can be found under the application tab, within the Web Application Analysis folder.

Start a new project in Burp Suite

Step 1:

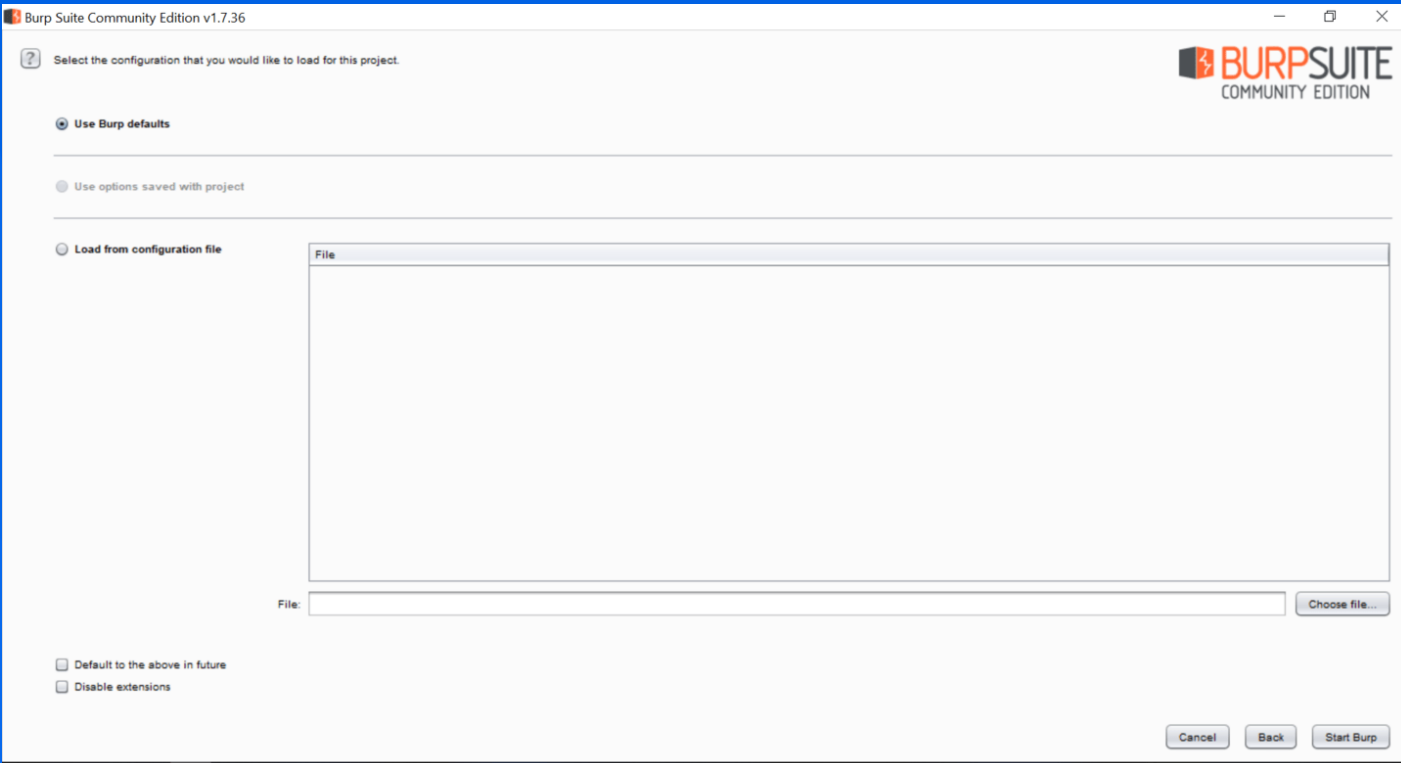
Burp Suite will display options once launched; *Temporary project* should already be selected but set it if this is not the case. Then select next.



BURPSUITE WEB APP PROXY

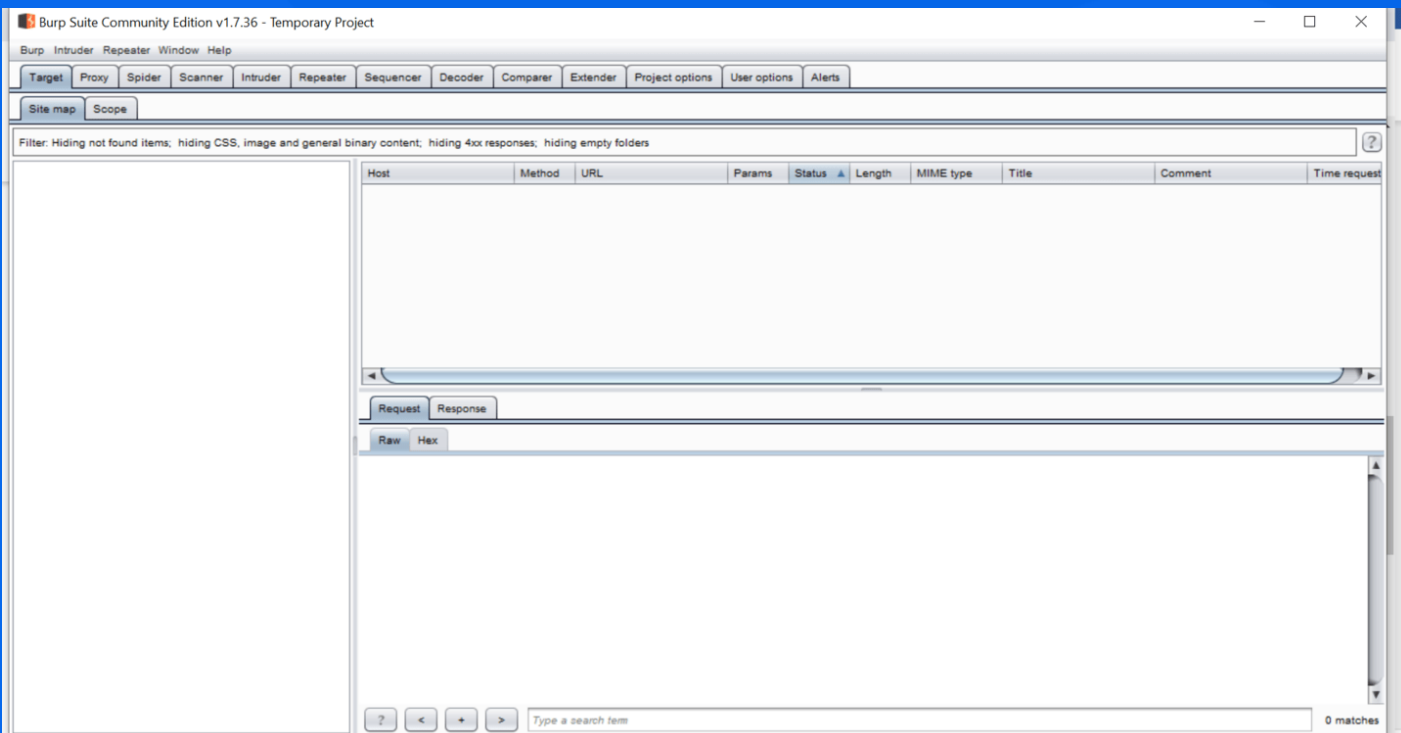
Step 2:

On the following page, select *Use burp defaults*, then select *Start Burp*.



Step 3:

You will then be presented with the main Burp Suite Interface.

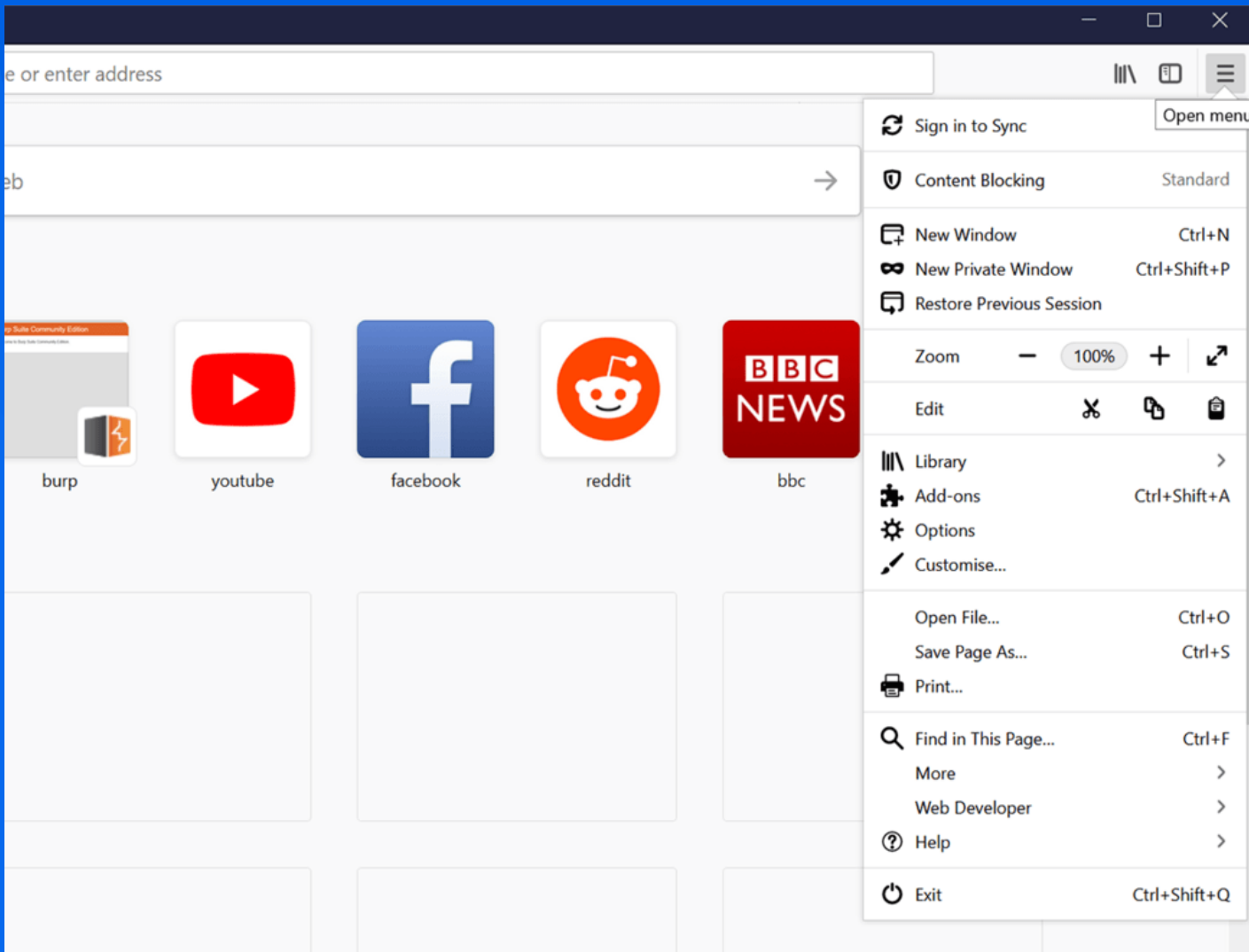


BURPSUITE WEB APP PROXY

Create a HTTP Proxy in Burp Suite

Step 1:

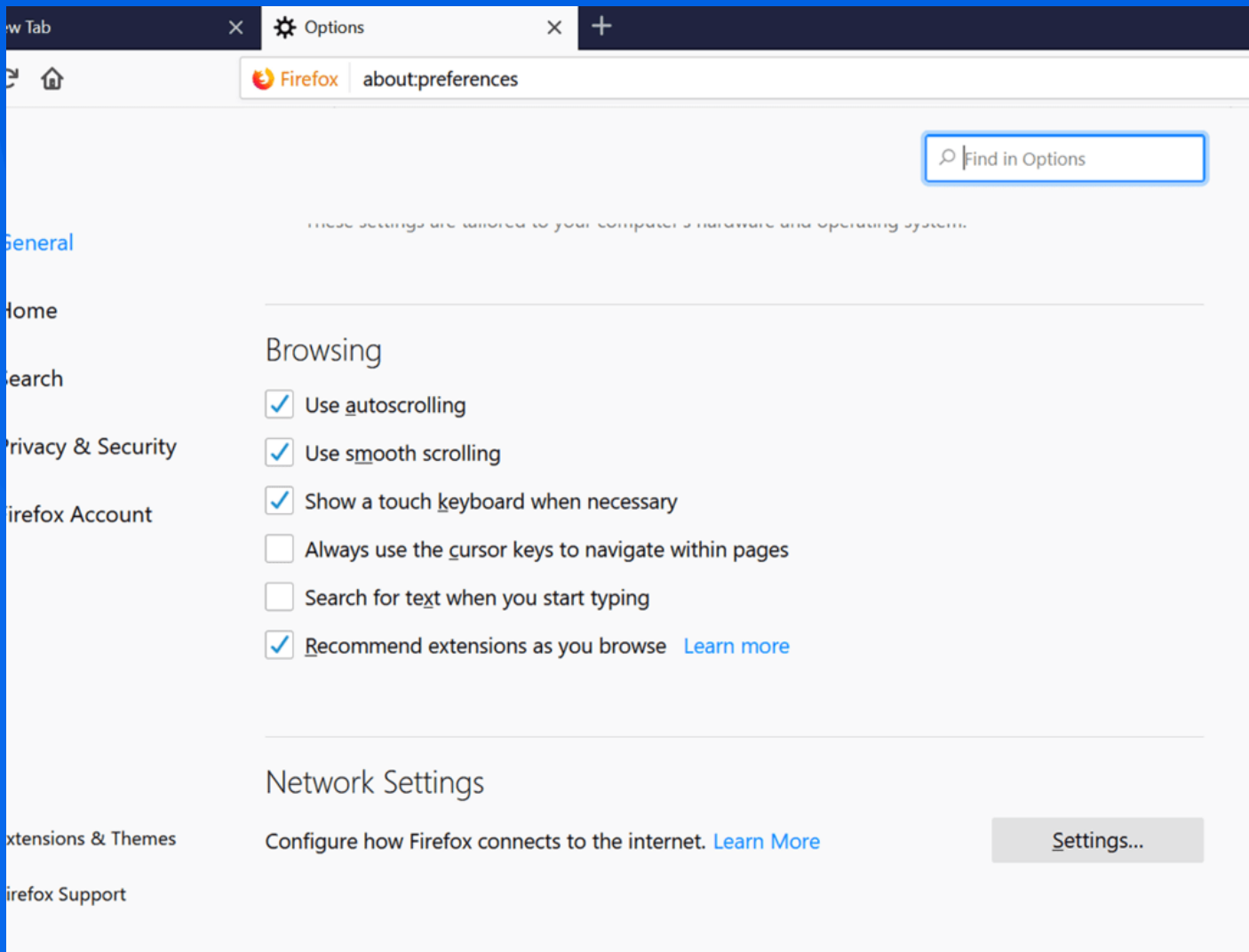
Open Firefox and go to options, then select networking.



BURPSUITE WEB APP PROXY

Step 2:

At the bottom of the networking menu is the connection settings. Select this.



BURPSUITE WEB APP PROXY

Step 3:
Select the Proxy tab.

Select *manual proxy configuration*, then enter your target IP address in the HTTP Proxy. Use port 8080; this is the default port for Burp Suite.

Then select *Use this proxy server for all protocols*.

Close the *Preferences* page in Firefox; the Proxy should now be configured.

You should now be able to interact with the target site using Burp Suite.

Connection Settings

Configure Proxy Access to the Internet

- ☐ No proxy
- ☐ Auto-detect proxy settings for this network
- ☐ Use system proxy settings

☒ Manual proxy configuration

HTTP Proxy Port

☒ Use this proxy server for all protocols

SSL Proxy Port

FTP Proxy Port

SOCKS Host Port

☐ SOCKS v4 ☒ SOCKS v5

☐ Automatic proxy configuration URL

OK

Cancel

Help