



Web Lab 1 Requirements (29/02/2024)

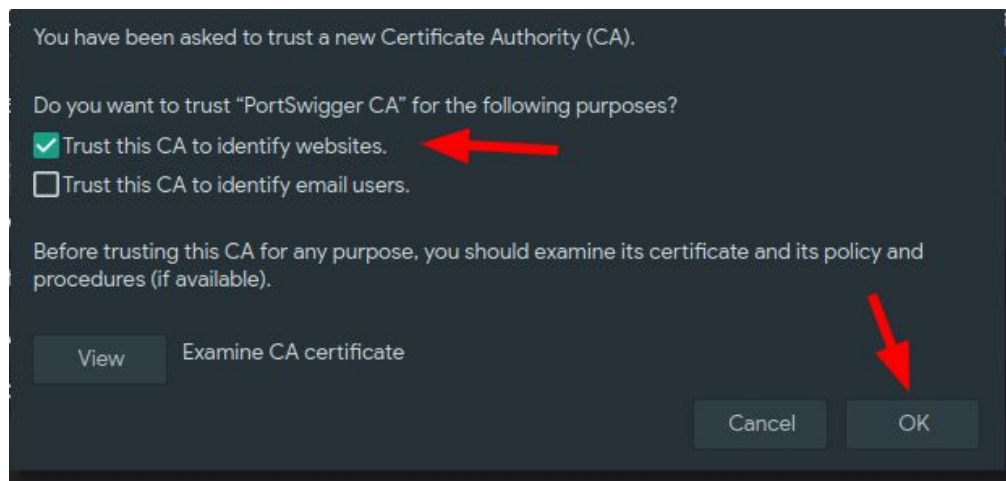
- **Firefox** browser
- Burp Suite community edition installed
<https://portswigger.net/burp/communitydownload>
- FoxyProxy **Standard** browser extension installed
<https://addons.mozilla.org/en-US/firefox/addon/foxyproxy-standard/>

Burp Suite: CA Certificate

1. Open Burp
2. Go to *Proxy* tab and click on  Proxy settings
3. Under the *Proxy listeners* section, make sure it is running on **127.0.0.1:8080**
4. On your browser, go on `http://localhost:8080`
5. In the top right corner of the page click on 
6. Save the **.der** certificate on your machine

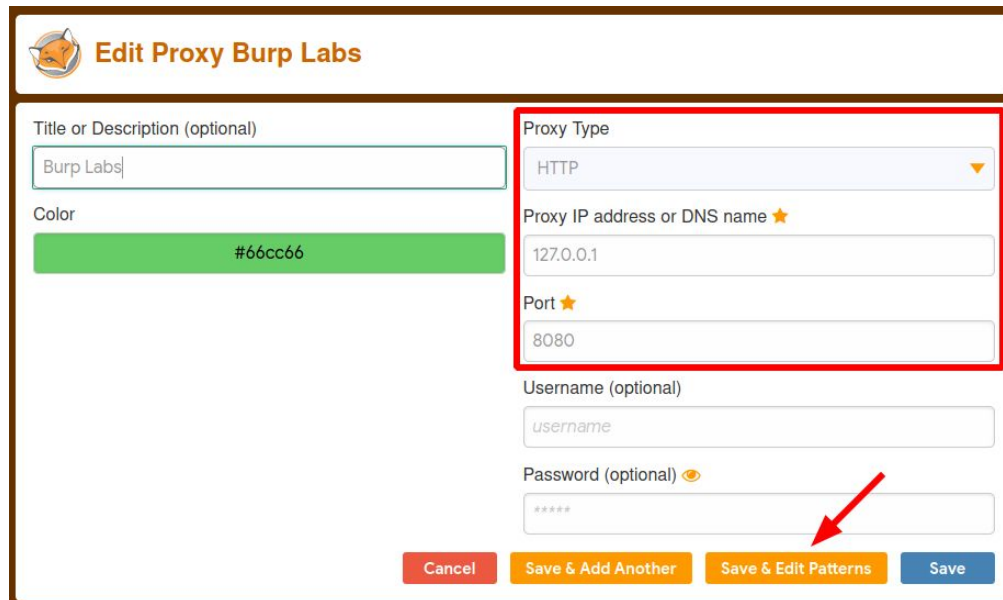
Burp Suite: CA Certificate

7. In Firefox, go to **about:preferences**
8. Search for **Certificates**
9. Click on **View Certificates**
10. Go to the **Authorities** tab
11. Click **Import**, select the **.der** file
12. Tick as in photo
13. Click **OK**



Burp Suite: Proxy Configuration

1. Click on **FoxyProxy** icon in browser
2. Click on **Options**
3. Click on **Add**
4. Set a title (e.g., *Burp Labs*)
5. Set *IP*, *port* and *type* as in photo
6. Click on “*Save & Edit Patterns*”



Edit Proxy Burp Labs

Title or Description (optional)
Burp Labs

Color
#66cc66

Proxy Type
HTTP

Proxy IP address or DNS name ★
127.0.0.1

Port ★
8080

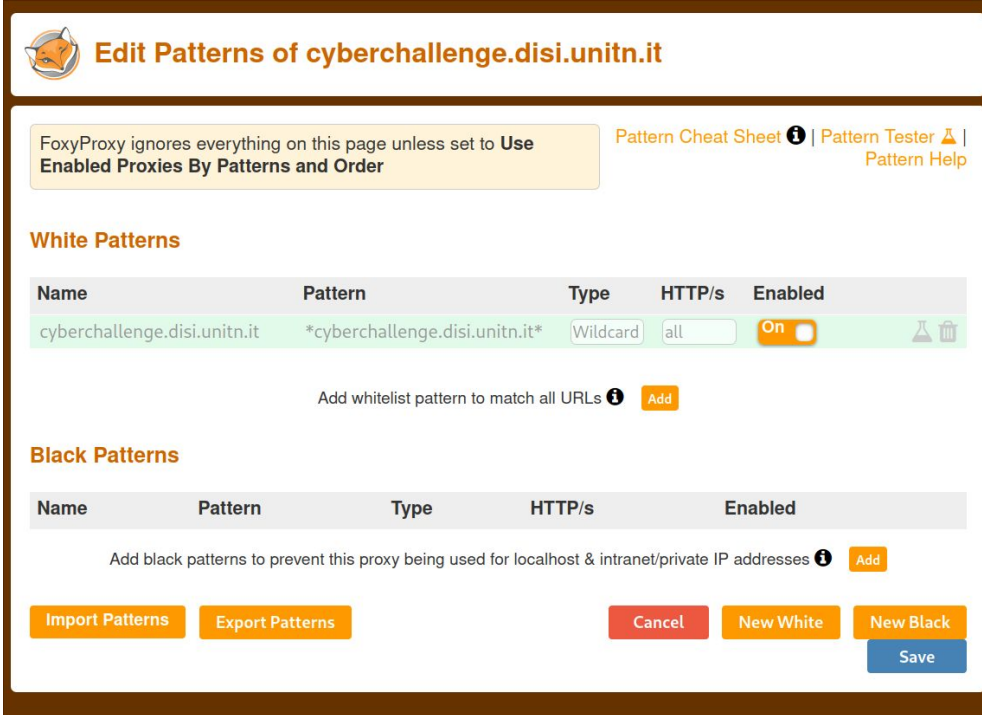
Username (optional)
username

Password (optional) 👁

Cancel Save & Add Another **Save & Edit Patterns** Save

Burp Suite: Proxy Configuration

7. Add a **White Pattern** of type *Wildcard* with pattern `*cyberchallenge.disi.unitn.it*`
8. Disable or delete other patterns, if present, and click **Save**



The screenshot shows the 'Edit Patterns' window in Burp Suite for the target 'cyberchallenge.disi.unitn.it'. It features a 'White Patterns' table with one entry: 'cyberchallenge.disi.unitn.it' with a wildcard pattern, enabled. Below the table is an 'Add' button for new whitelists. The 'Black Patterns' section is empty with an 'Add' button. At the bottom are buttons for 'Import Patterns', 'Export Patterns', 'Cancel', 'New White', 'New Black', and a 'Save' button.

Edit Patterns of cyberchallenge.disi.unitn.it

FoxyProxy ignores everything on this page unless set to **Use Enabled Proxies By Patterns and Order**

[Pattern Cheat Sheet](#) | [Pattern Tester](#) | [Pattern Help](#)

White Patterns

Name	Pattern	Type	HTTP/s	Enabled
cyberchallenge.disi.unitn.it	*cyberchallenge.disi.unitn.it*	Wildcard	all	<input checked="" type="checkbox"/>

Add whitelist pattern to match all URLs [Add](#)

Black Patterns

Name	Pattern	Type	HTTP/s	Enabled
------	---------	------	--------	---------

Add black patterns to prevent this proxy being used for localhost & intranet/private IP addresses [Add](#)

[Import Patterns](#) [Export Patterns](#) [Cancel](#) [New White](#) [New Black](#) [Save](#)

Burp Suite: Proxy Configuration

9. Click on **FoxyProxy** icon
10. Click “**Use Enabled Proxies By Patterns and Order**”

