

WEB APPLICATION SECURITY

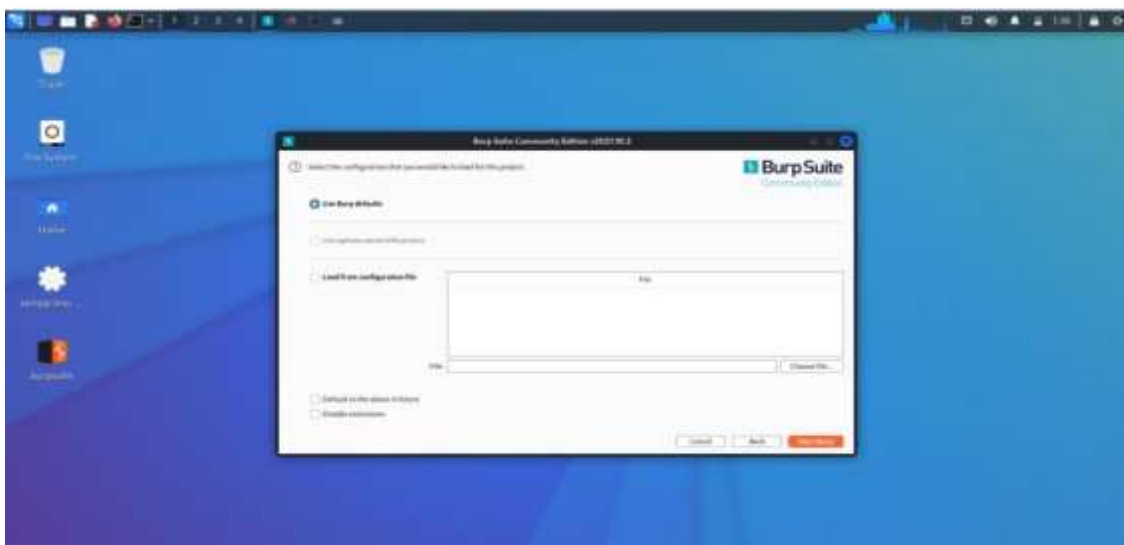
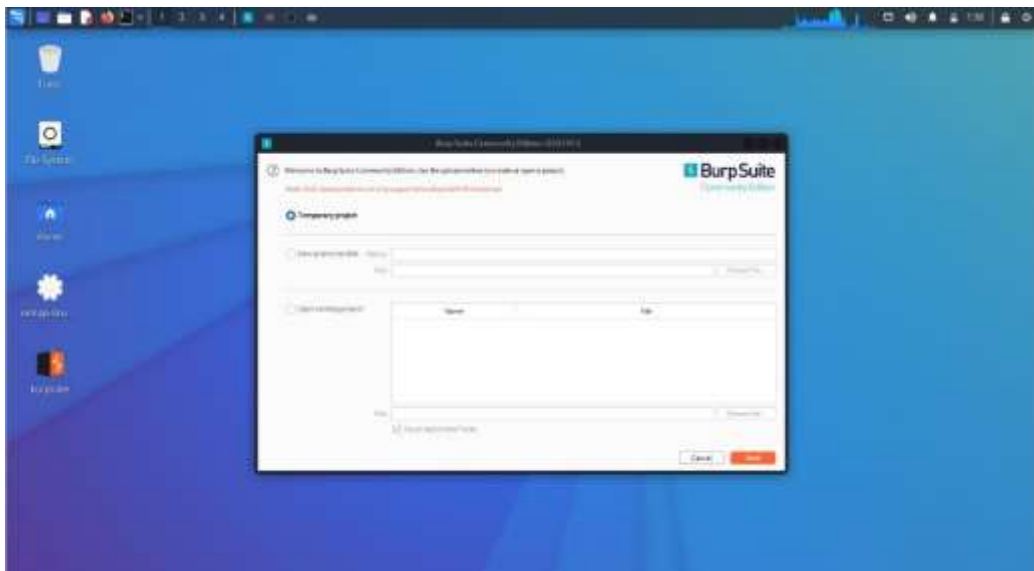
LAB-3

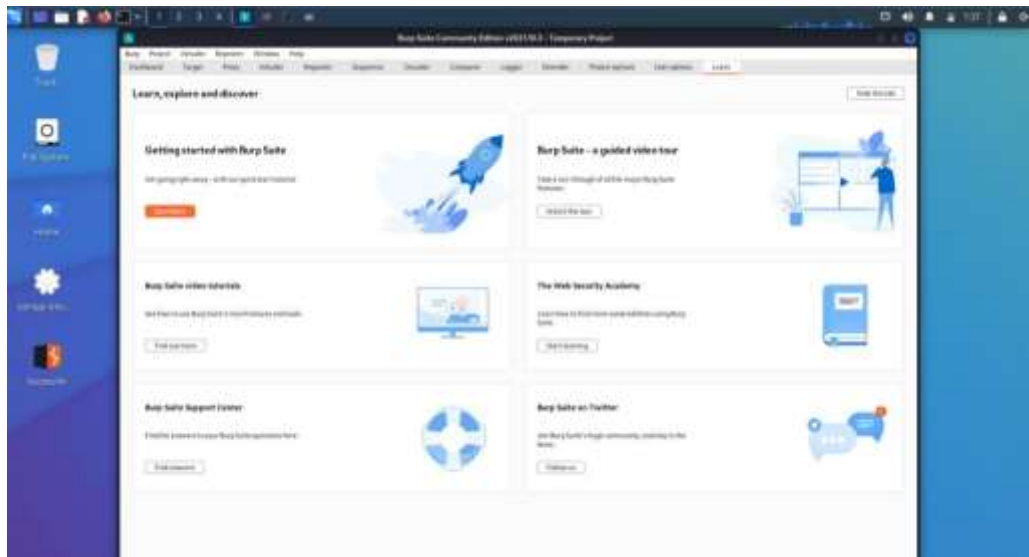
Study Experiment on Burp Suite and its features

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REG NO : 19BCE7079
SLOT : (L15+L16)

STEPWISE PROCEDURE :

Step1 : Firstly, After installing kali linux Open Burp suite in Kali Linux.



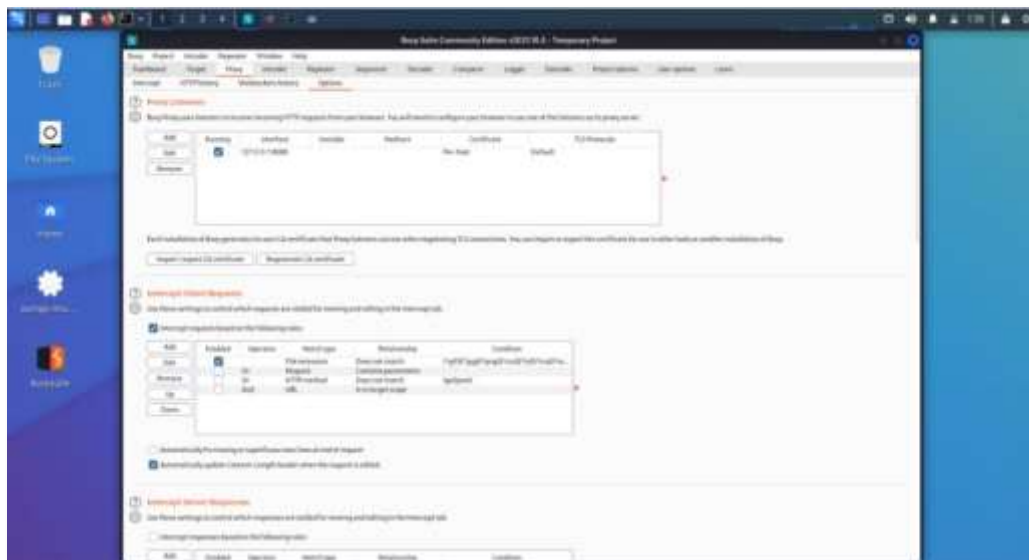


STEP 2 :AS A PROXY SERVER

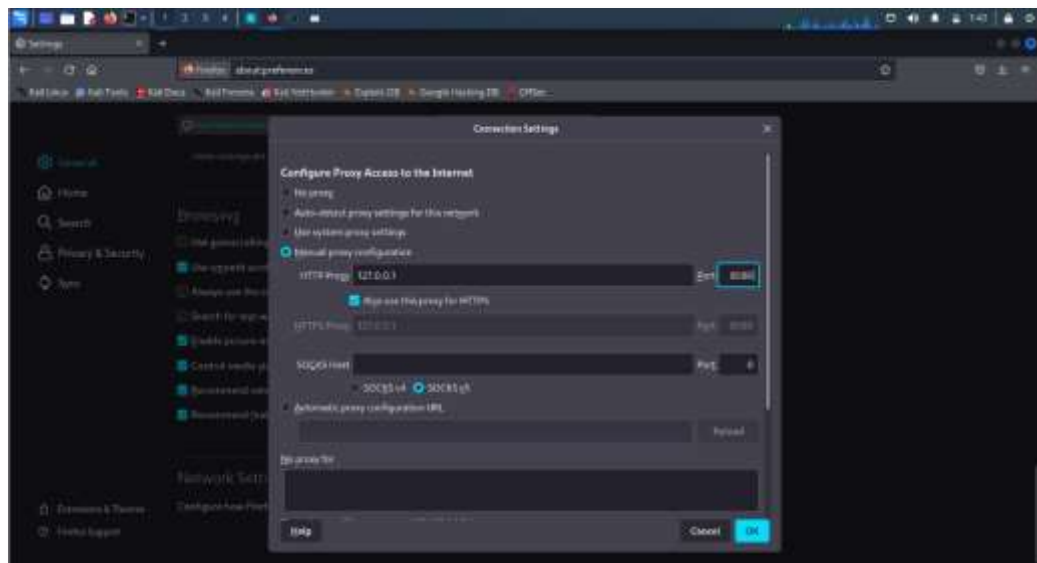
- Configure Firefox to connect to Burp suite Proxy

ServerIP-127.0.0.1

PORT -8080

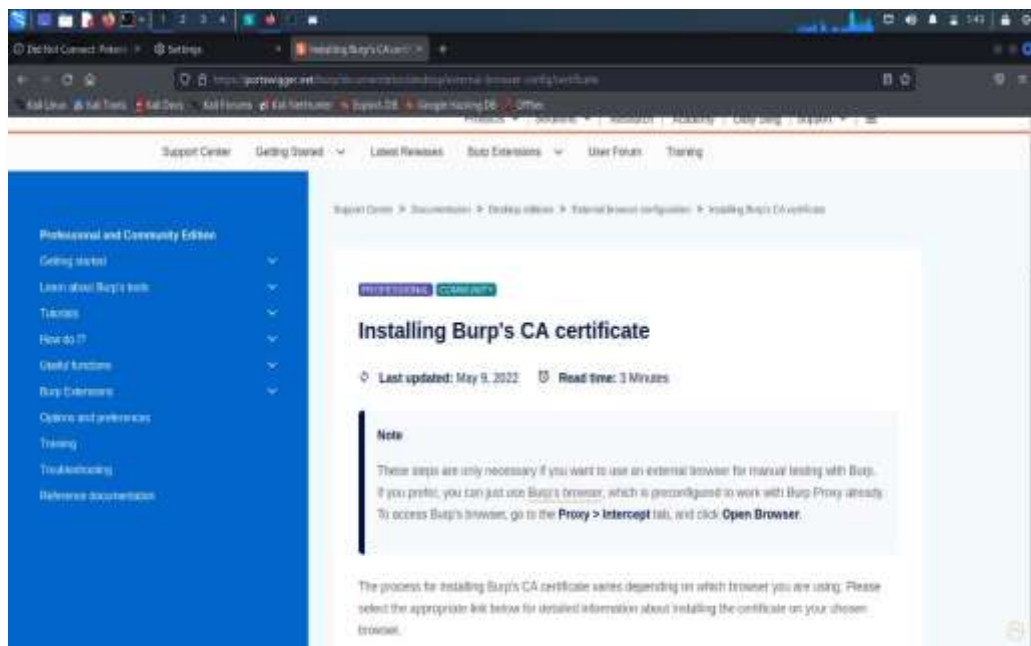


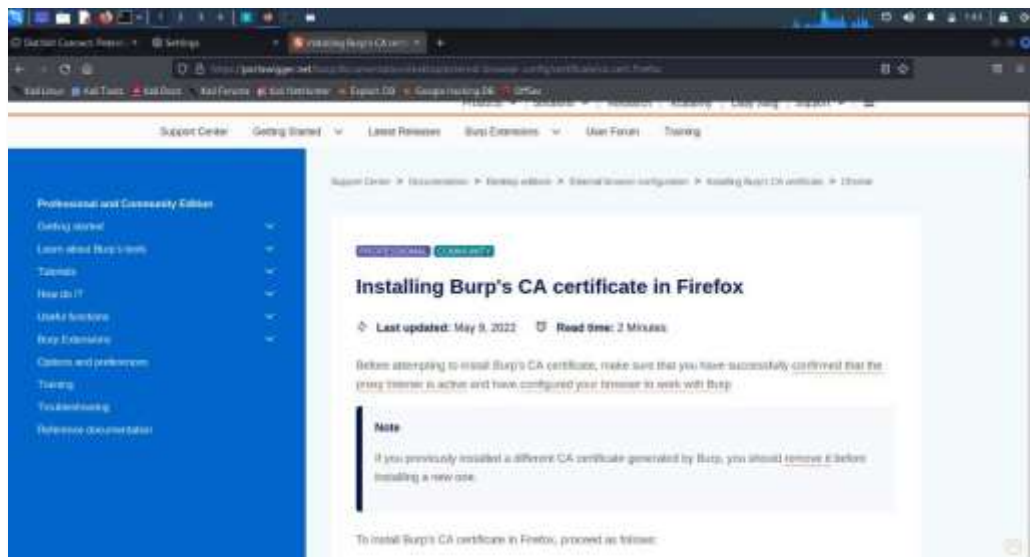
FIREFOX PROXY SETTINGS



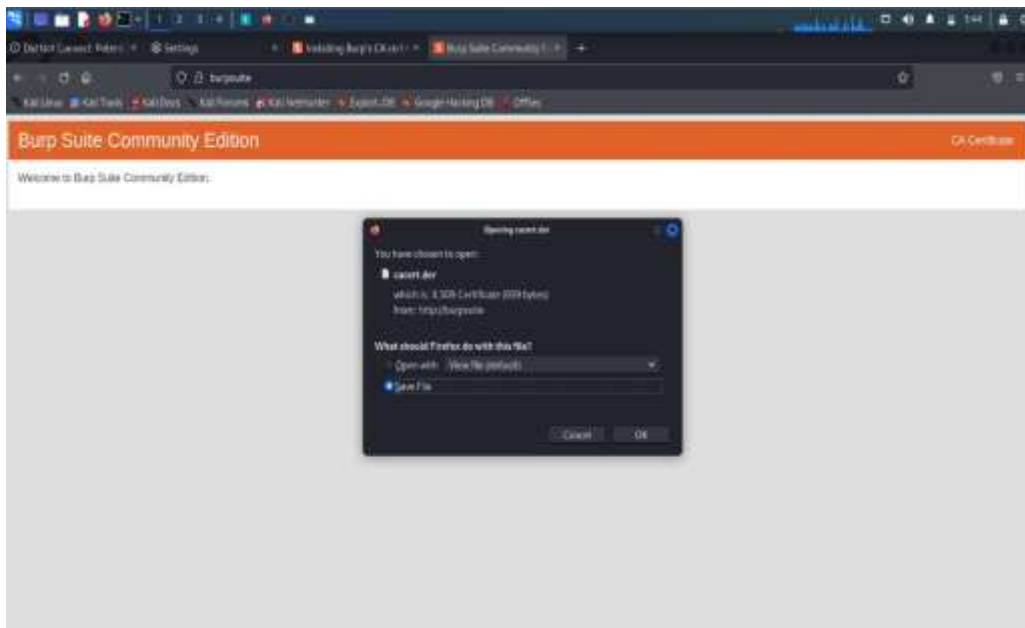
STEP 3 :INSTALL CA CERTIFICATE

- To access webpage over HTTPS

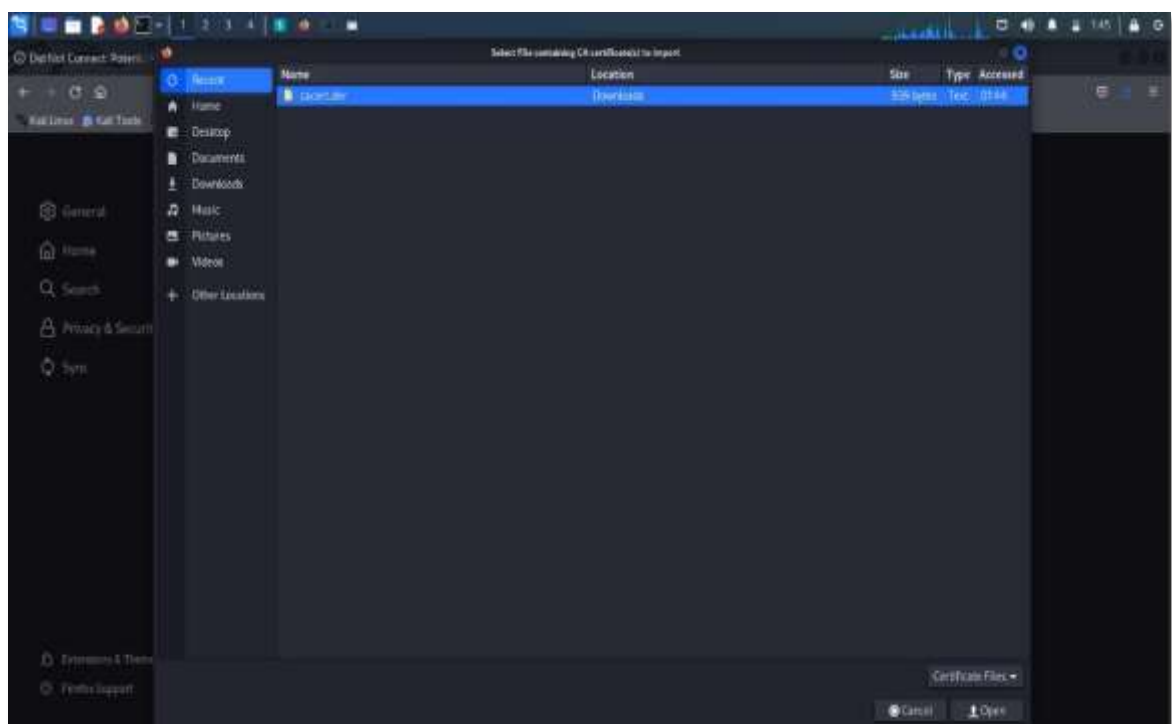
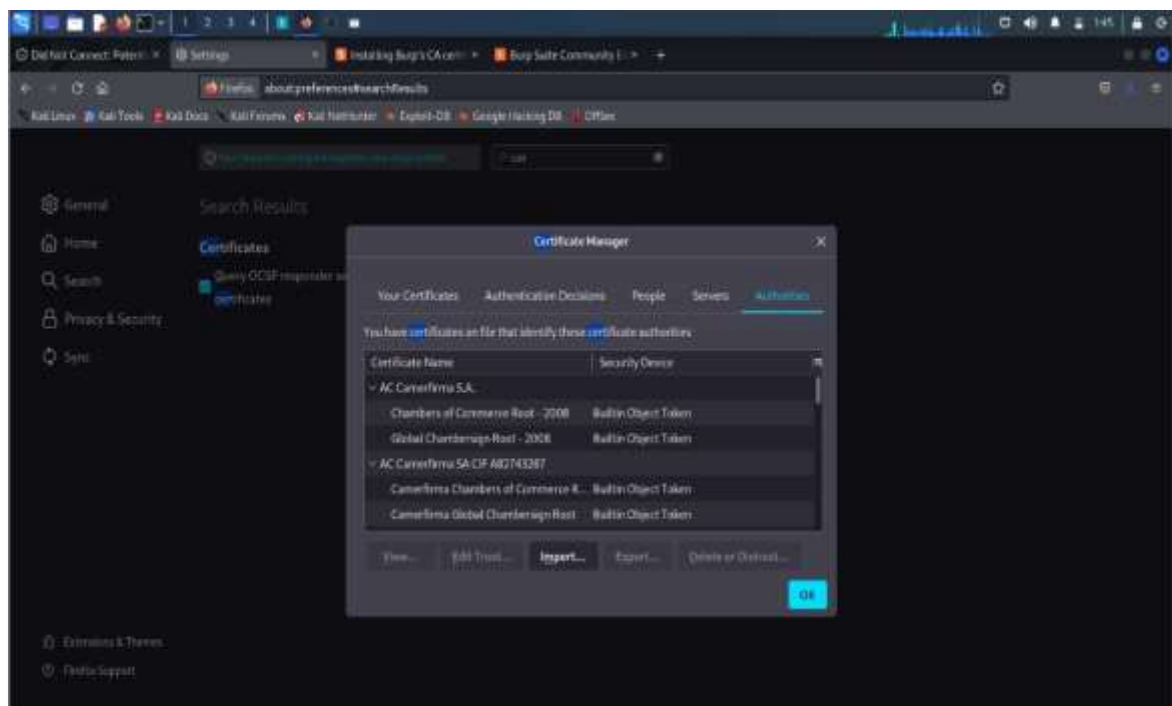


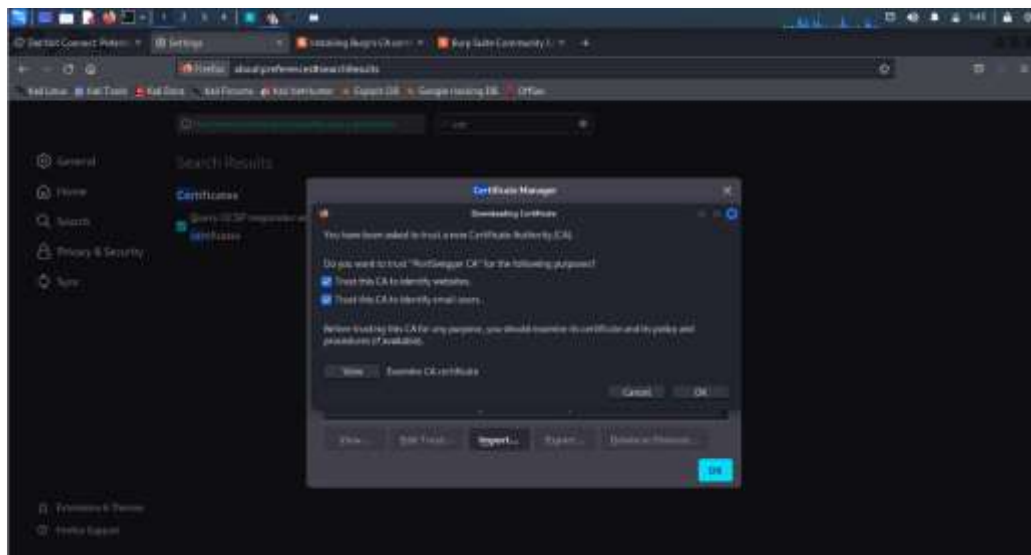


STEP 4 : DOWNLOAD CA CERTIFICATE

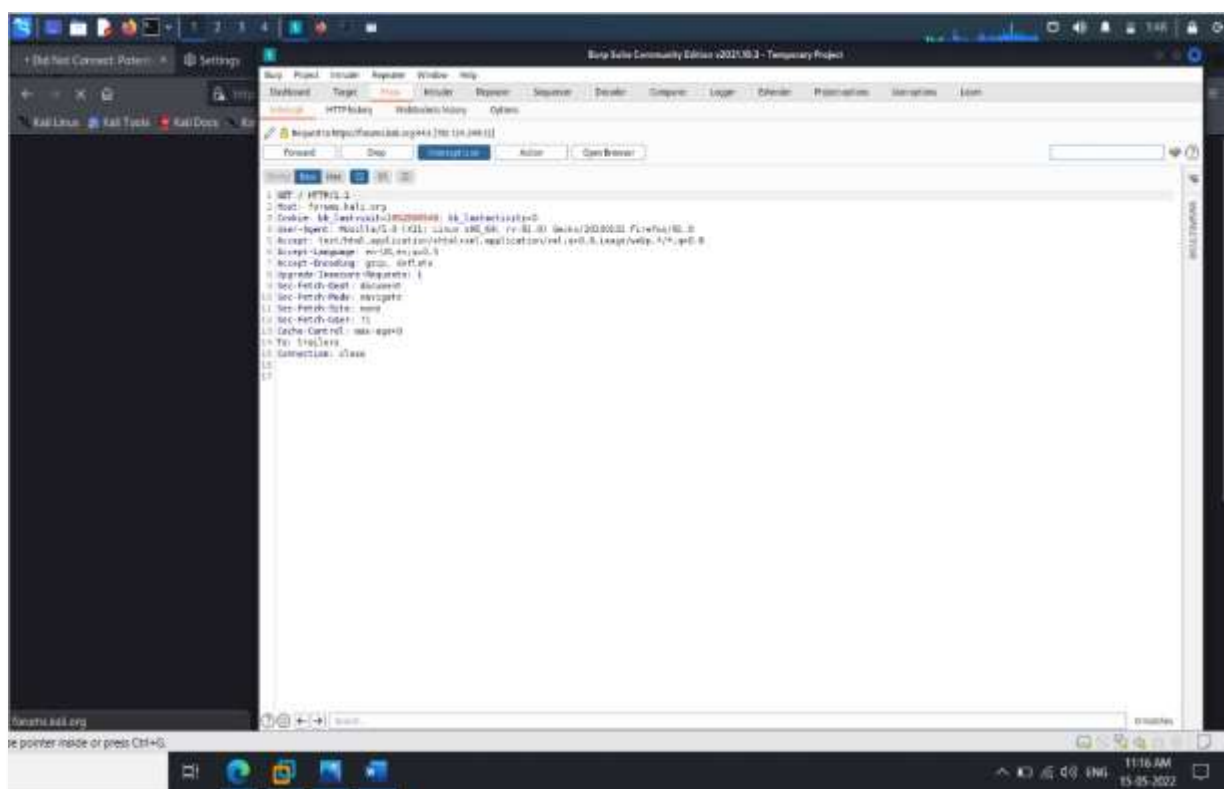


STEP 5 : IMPORT CA CERTIFICATE

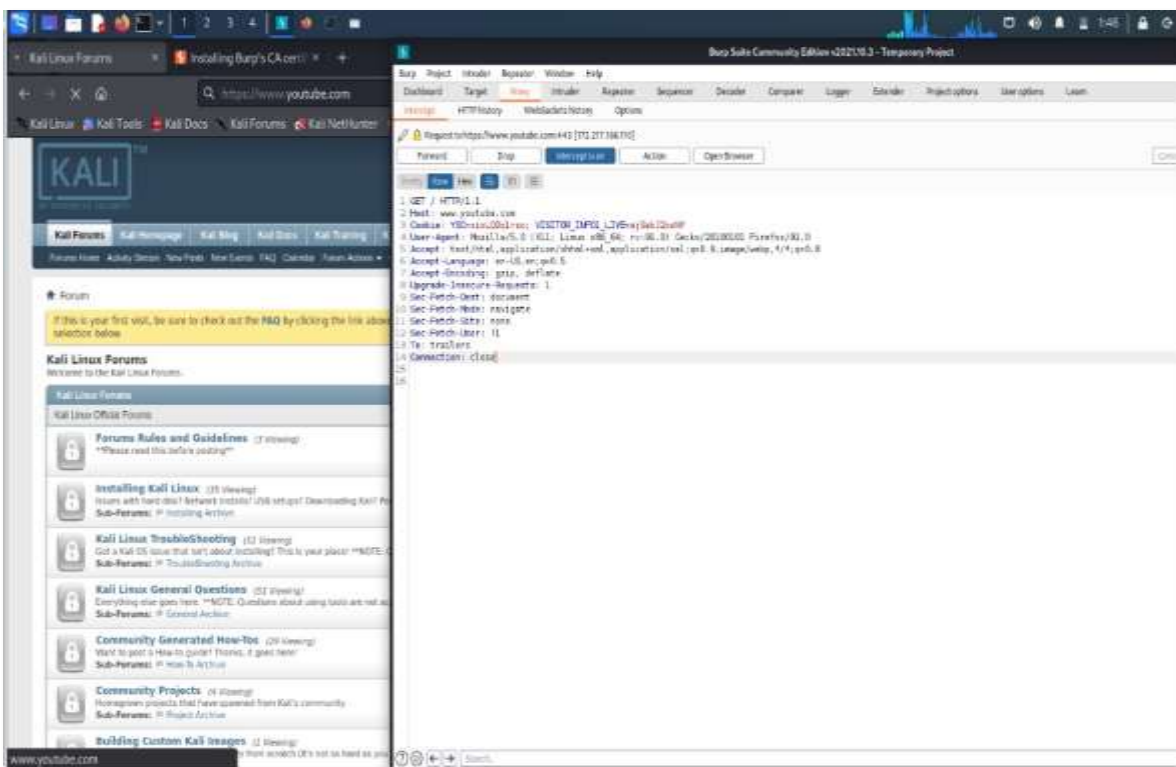
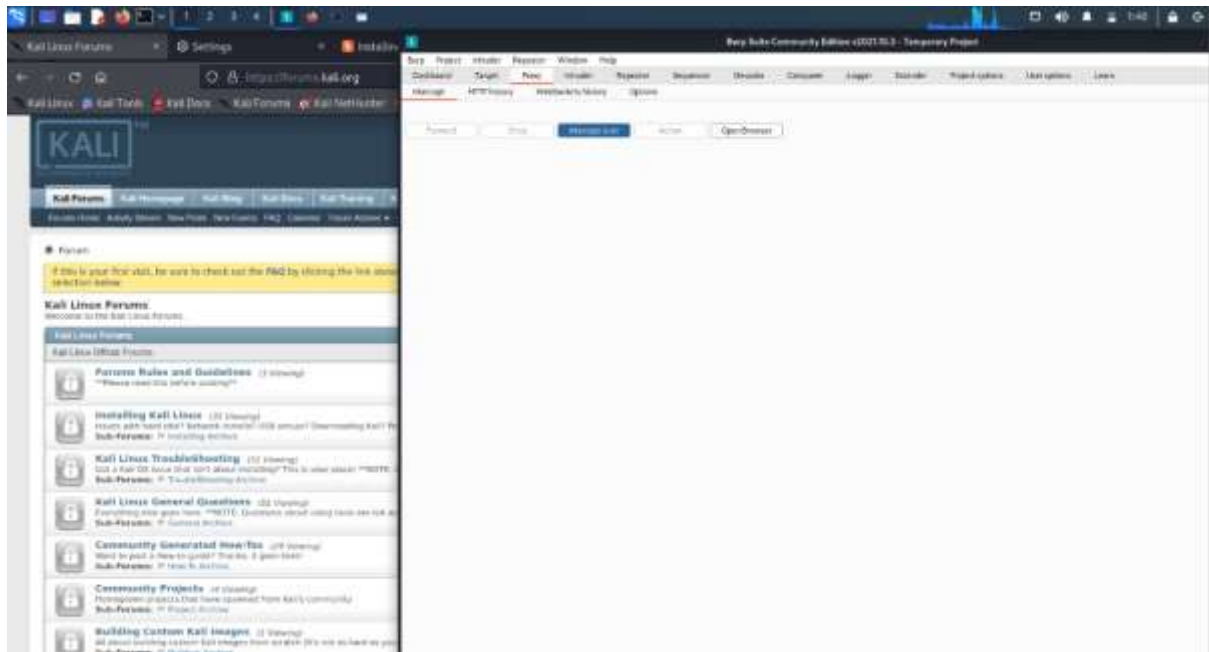


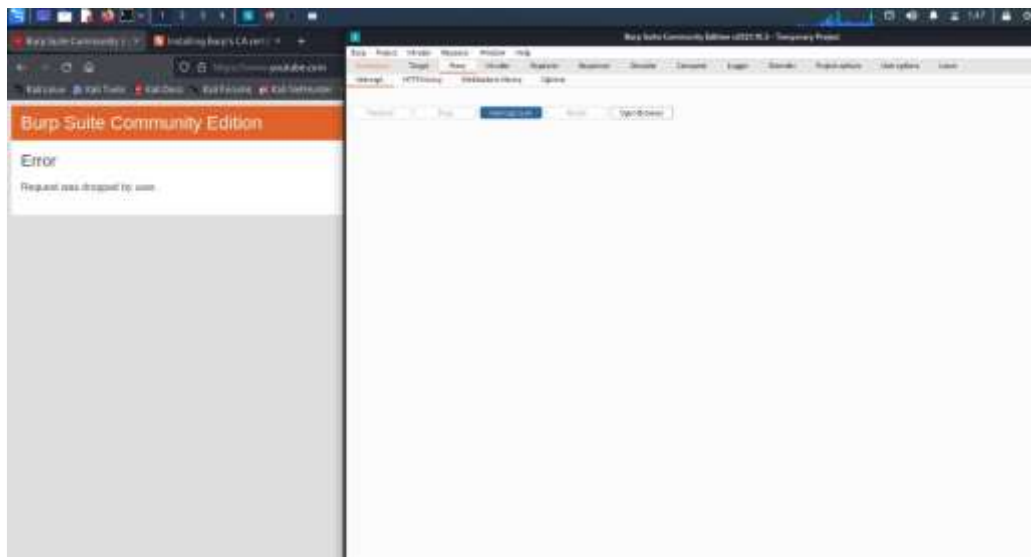


1. Let test proxy access some website -- FORWADE REQUEST



2. DROP YOUTUBE WEBSITE PACKETS

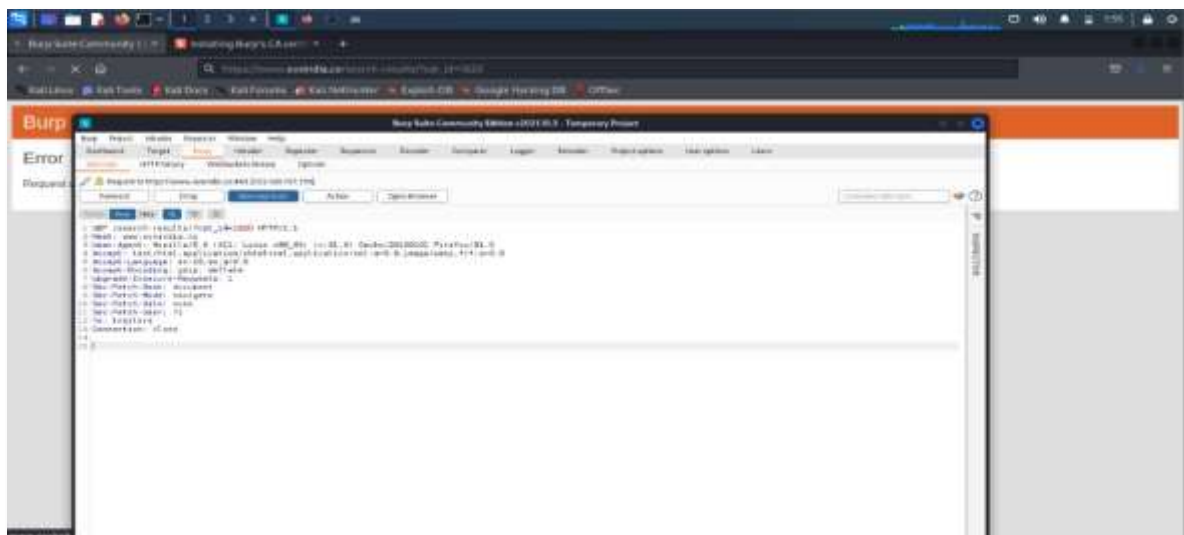


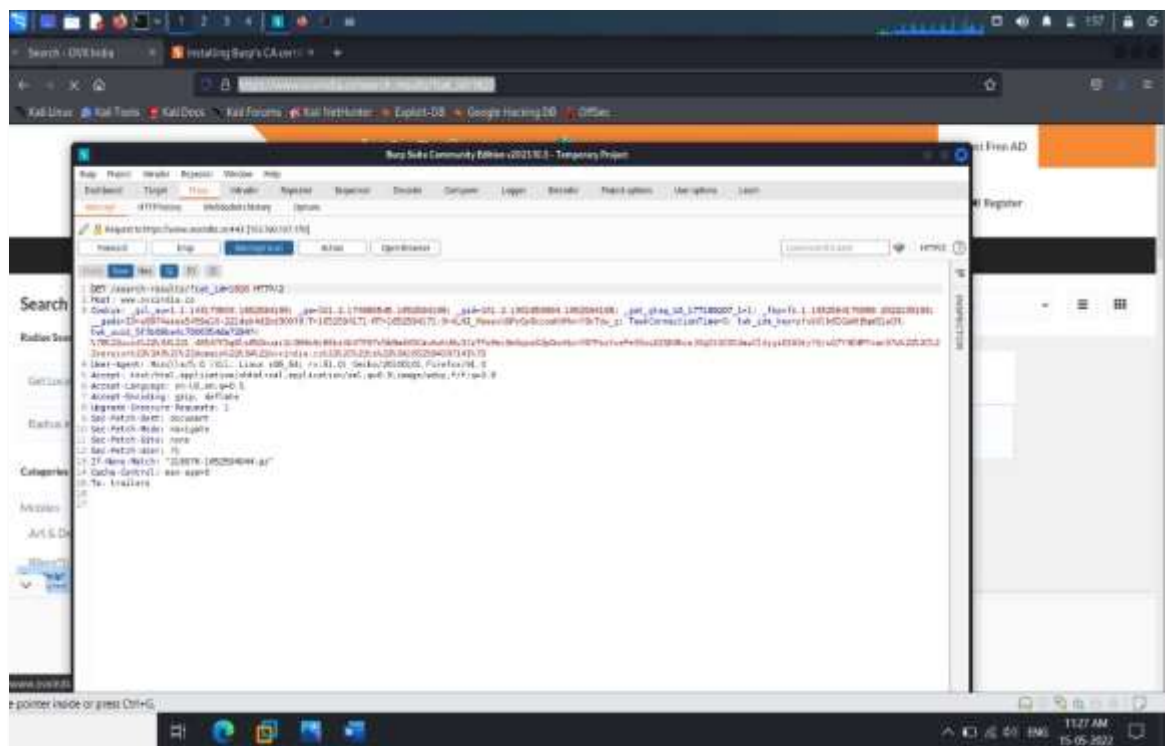
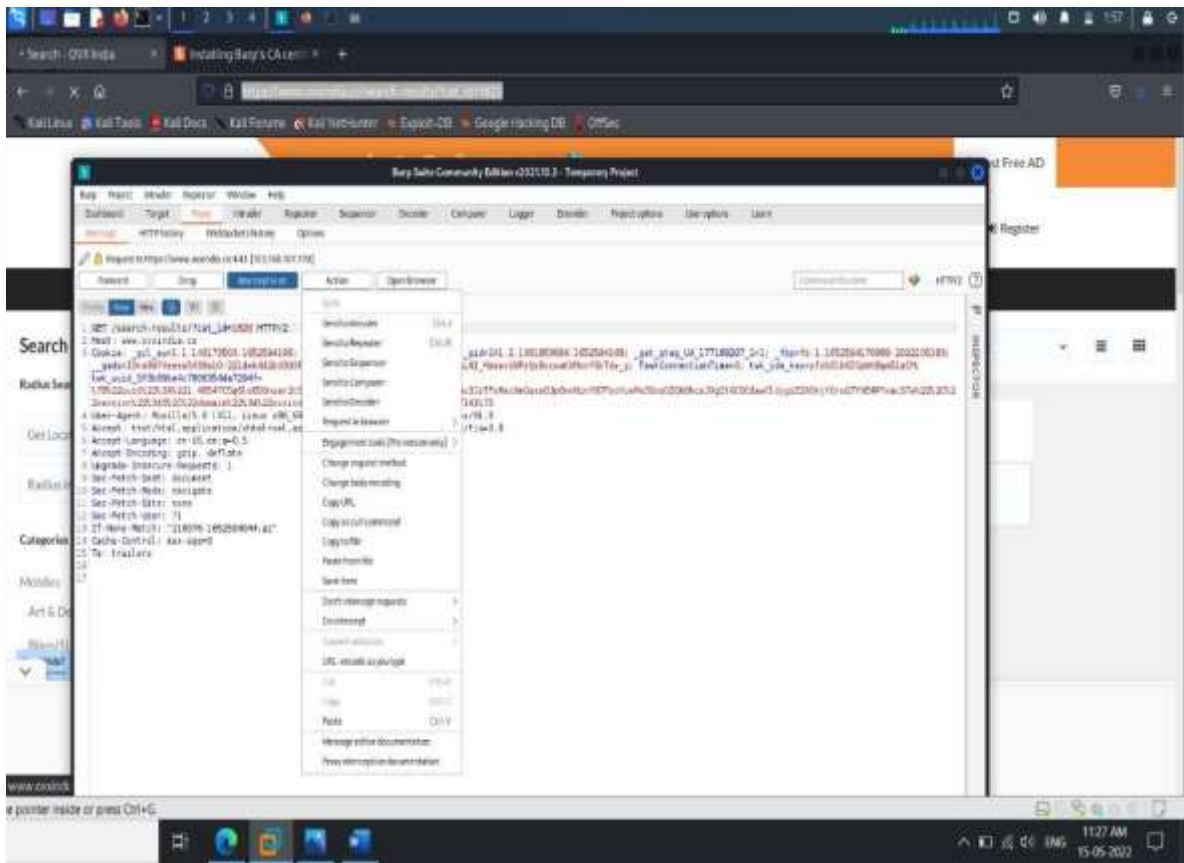


3.INTUDER BRUTE FORCE QUERY STRING

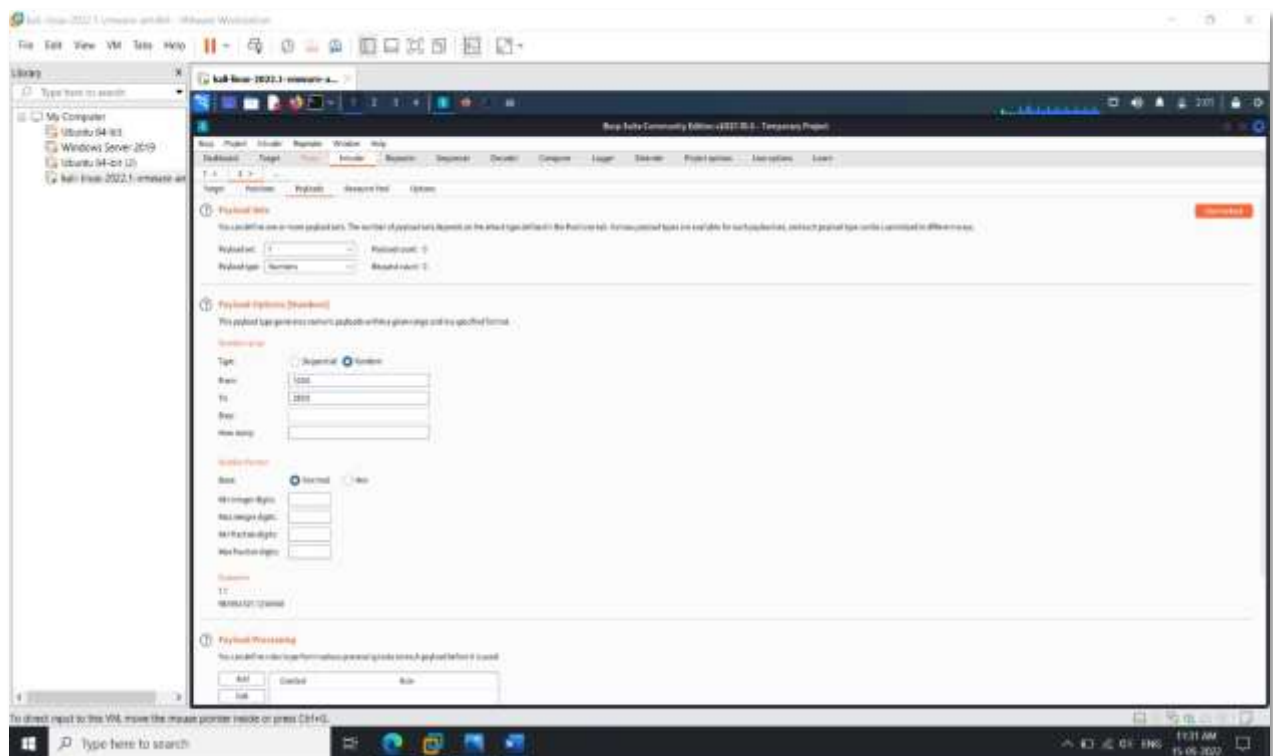
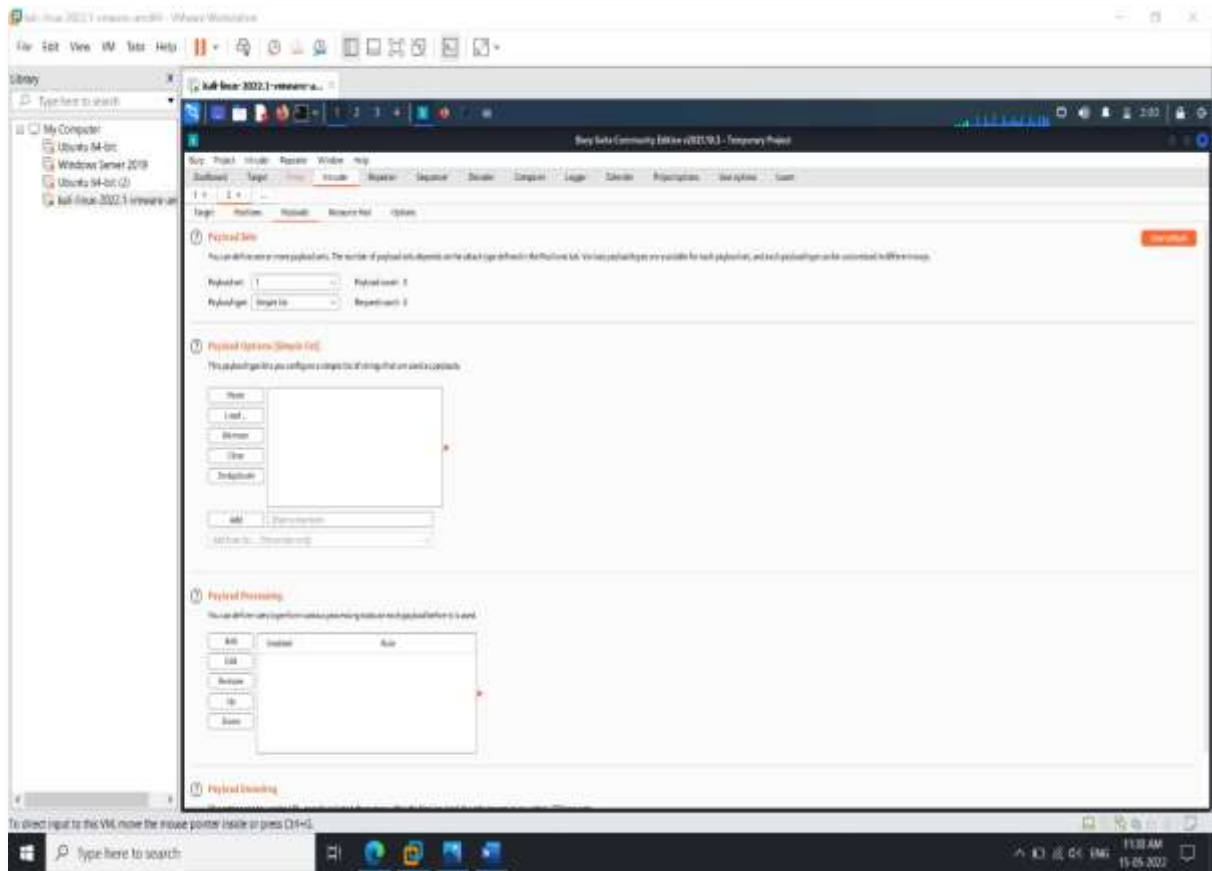
WEBISTE -https://www.ovxindia.co/search-results/?cat_id=1820

cat_id=1820





LOAD PAYLOAD FROM FILE



Burp Suite Community Edition v2021.9.3 - Temporary Project

Project: Intruder Sequencer Scanner Comparer Layer Sequencer Project options User options Learn

Dashboard Filter: Layer memory limit set to 50MB | Capturing requests up to 1MB; capturing responses up to 1MB

Show Filter: Showing all items

#	Time	Tool	Method	Host	Path	Query	Parameters	Status	Length	Start response time	Comment
1	01:44:23:15 May 2022	Proxy	GET	forums.kali.org	/		2	200	65287	1386	
2	01:44:23:15 May 2022	Proxy	GET	forums.kali.org	/images/avatars/avatar.png		2	304	456	220	
3	01:44:23:15 May 2022	Proxy	GET	forums.kali.org	/images/avatars/avatar.png?v=425		2	304	312	436	
4	01:44:23:15 May 2022	Proxy	GET	forums.kali.org	/images/avatars/avatar.png		2	304	487	436	
5	01:44:23:15 May 2022	Proxy	GET	forums.kali.org	/images/avatars/avatar.png		2	304	487	431	
6	01:44:23:15 May 2022	Proxy	GET	forums.kali.org	/images/avatars/avatar.png		2	304	487	431	
7	01:44:23:15 May 2022	Proxy	GET	forums.kali.org	/images/avatars/avatar.png		2	304	488	429	
8	01:44:23:15 May 2022	Proxy	GET	forums.kali.org	/images/avatars/avatar.png		2	304	487	427	
9	01:44:23:15 May 2022	Proxy	GET	forums.kali.org	/images/avatars/avatar.png?v=425		2	304	517	386	
10	01:44:23:15 May 2022	Proxy	GET	forums.kali.org	/images/avatars/avatar.png?v=425		2	304	517	243	
11	01:44:23:15 May 2022	Proxy	GET	forums.kali.org	/images/avatars/avatar.png?v=425		2	304	489	406	
12	01:44:23:15 May 2022	Proxy	GET	static.googleusercontent.com	/usercontent/avatars/avatar.png		8	304	385	45	

Request

1 GET /avatars/avatar.png?v=425 HTTP/2
2 Host: forums.kali.org
3 Cookie: __cfduid=1620000000; __cfduid=1620000000; __cfduid=1620000000
4 User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:91.0) Gecko/20100101 Firefox/91.0
5 Accept: */*
6 Accept-Language: en-US,en;q=0.5
7 Accept-Encoding: gzip, deflate
8 Referer: https://forums.kali.org/
9 Sec-Patch-Dest: script
10 Sec-Patch-Mode: no-cache
11 Sec-Patch-Site: none-nojs
12 If-Modified-Since: Fri, 20 Oct 2017 23:58:46 GMT
13 If-None-Match: "cadc-5581054b8e2-0a1a"
14 Cache-Control: max-age=0
15 Te: trailers
16
17

Response

1 HTTP/2 304 Not Modified
2 Server: nginx
3 Date: Sun, 15 May 2022 08:46:24 GMT
4 X-Security-ID: 38012
5 X-XSS-Protection: 1; mode=block
6 X-Frame-Options: SAMEORIGIN
7 X-Content-Type-Options: nosniff
8 Strict-Transport-Security: max-age=31536000; includeSubdomains; preload
9 Content-Security-Policy: upgrade-insecure-requests;
10 Last-Modified: Fri, 20 Oct 2017 10:56:46 GMT
11 ETag: "cadc-5581054b8e2-0a1a"
12 Vary: Accept-Encoding
13 Expires: Thu, 31 Dec 2037 23:55:35 GMT
14 Cache-Control: max-age=31536000
15 X-Security-Cache: HIT
16
17

INSPECTOR

Request Headers (10)
Query Parameters (0)
Request Cookies (0)
Request Headers (0)
Response Headers (14)