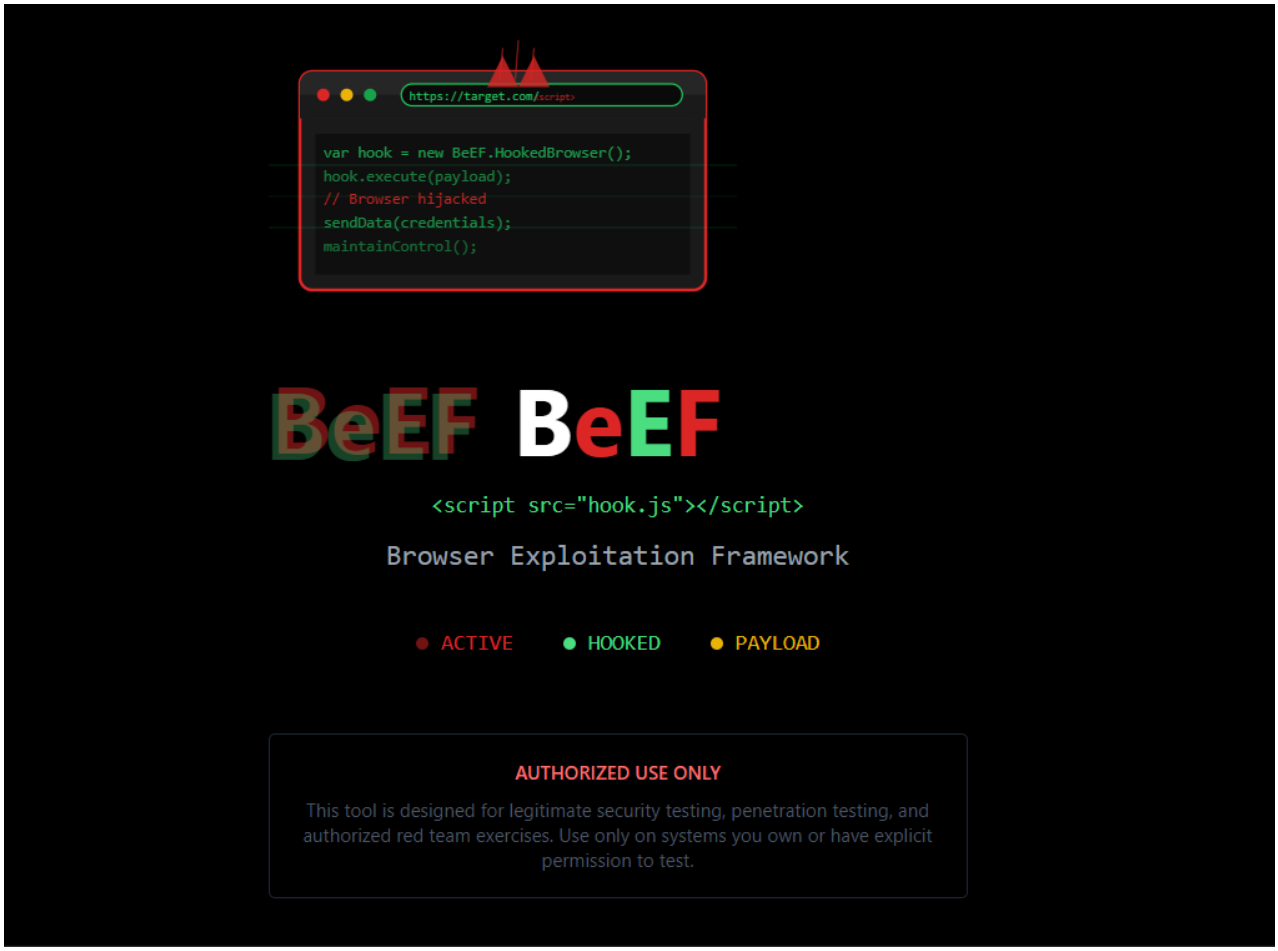
Day 19 of Learning Cyber Security

Platform: Kali Linux

Name: Ayesha Nadeem

Topic: BeEF



Contact Me: ayeshanm8@gmail.com

Date: 19th July, 2025

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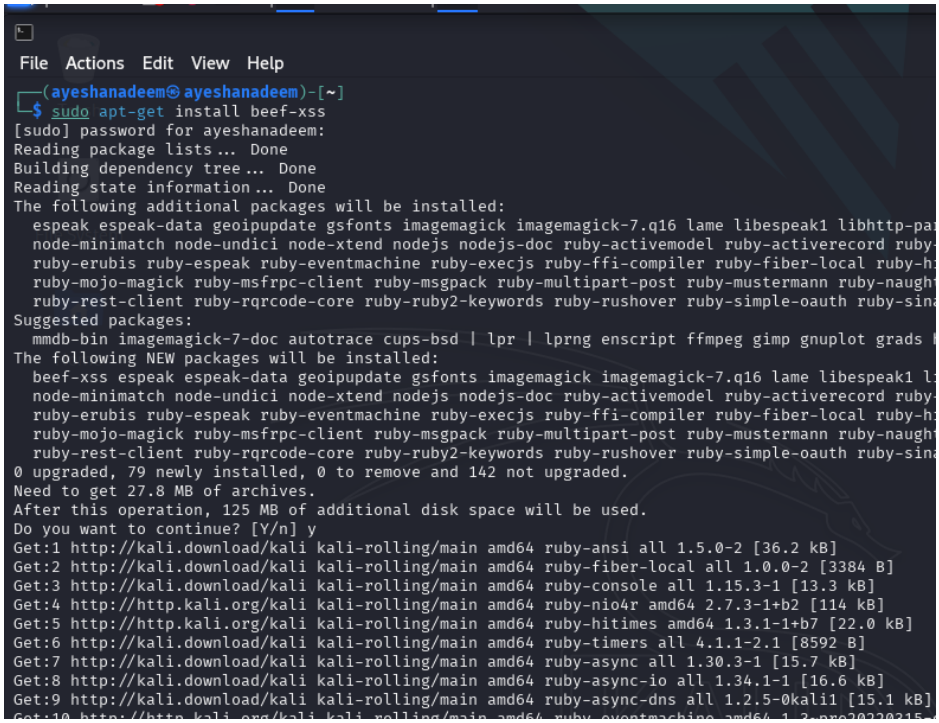
BeEF: Client-Side Web Browser Exploitation Framework

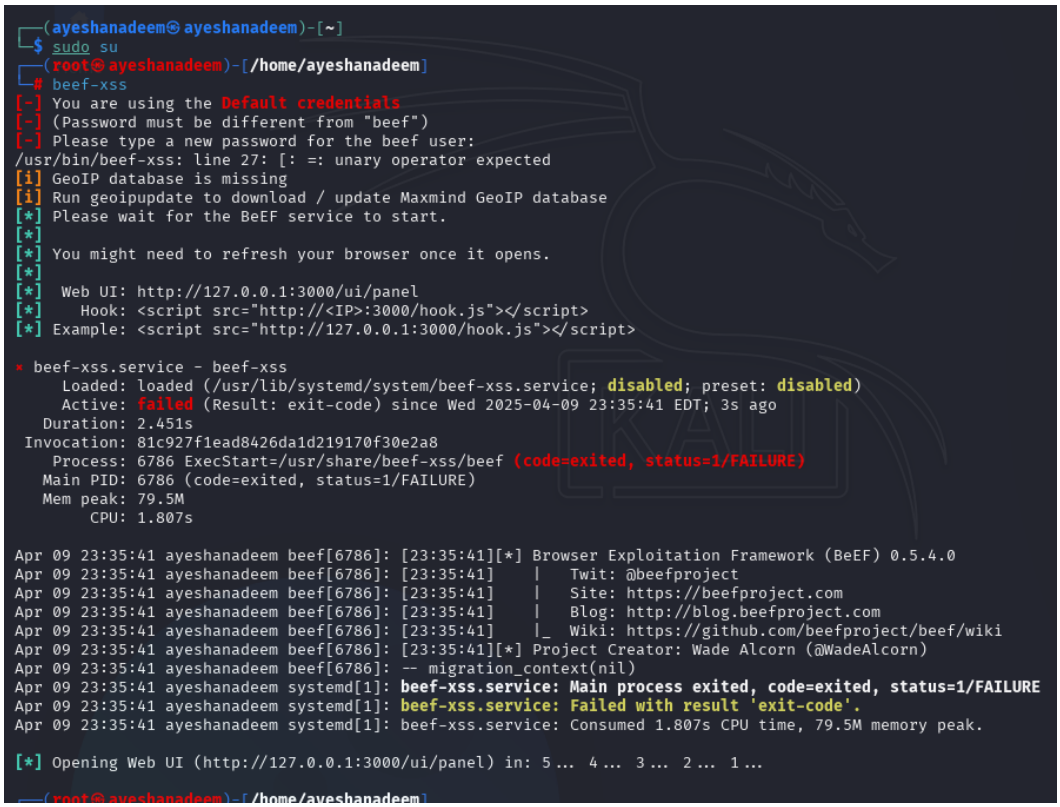
Installing Beef

Command 1:



Launching Beef

Command 2:



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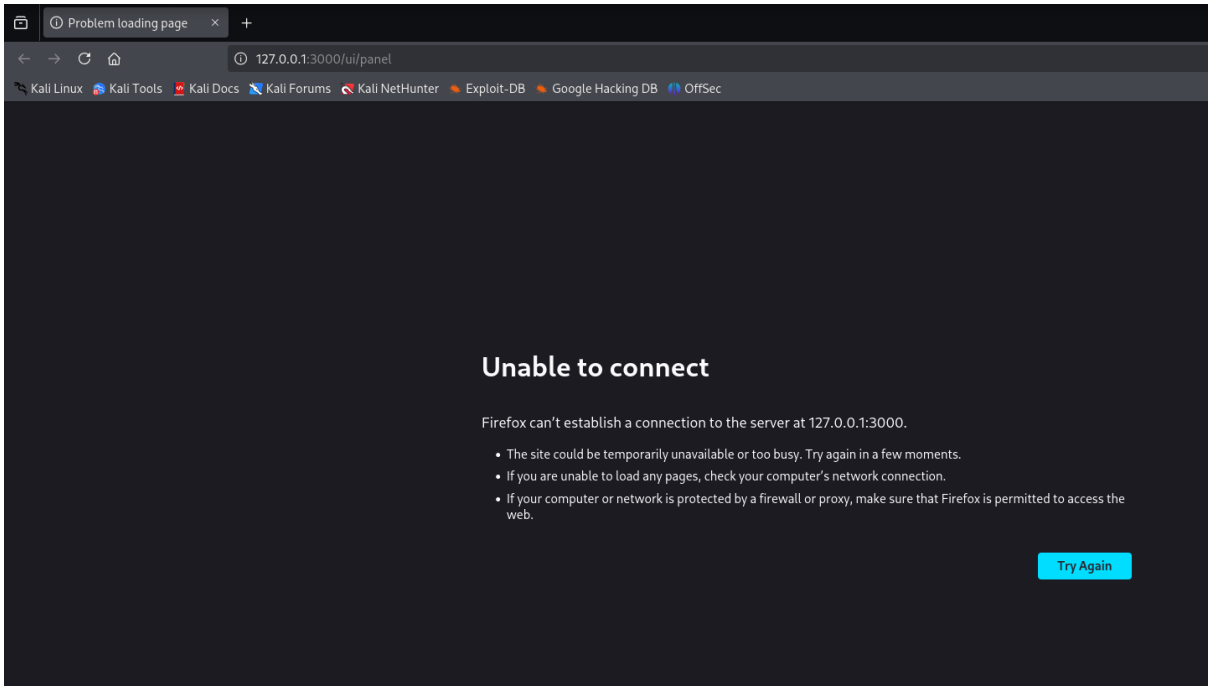
Unable to access beef



Troubleshooting

Cloning Beef from Github

Command 3:

Again Installing beef

Command 4:

Cd beef

./install

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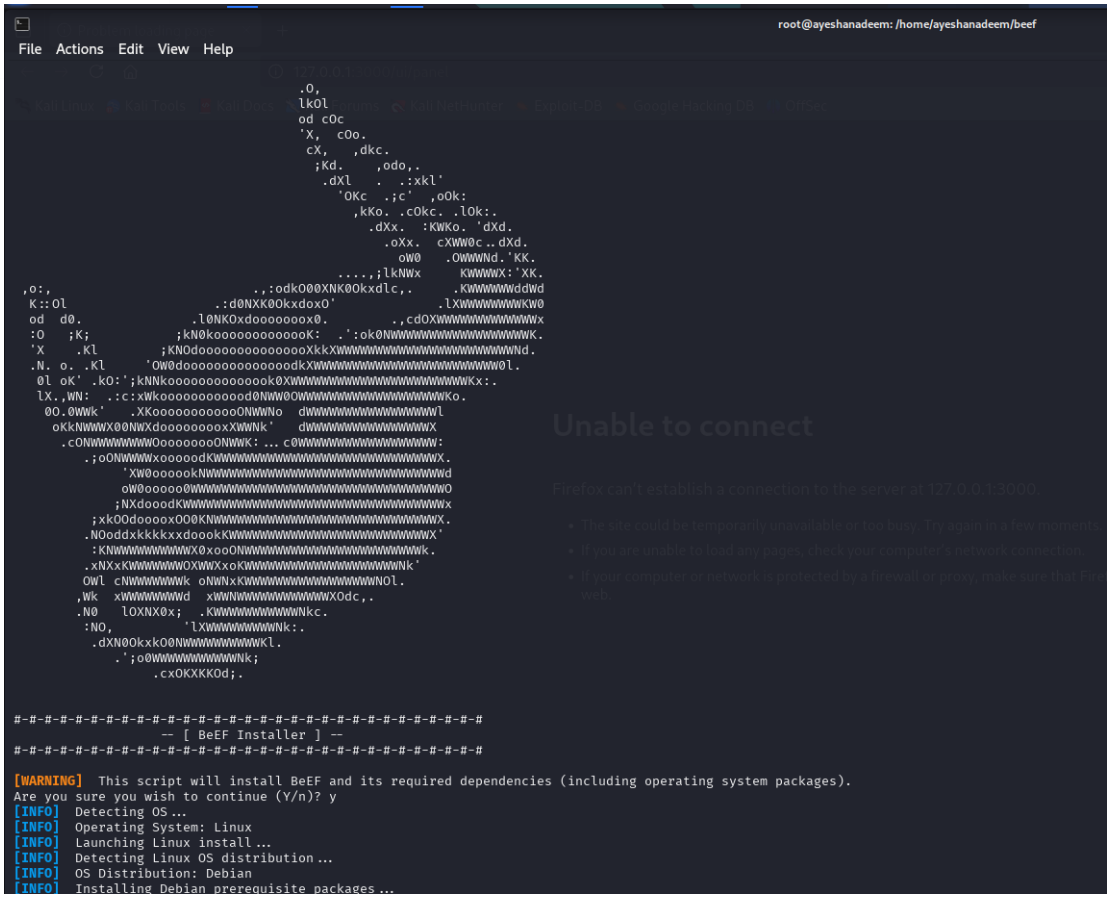

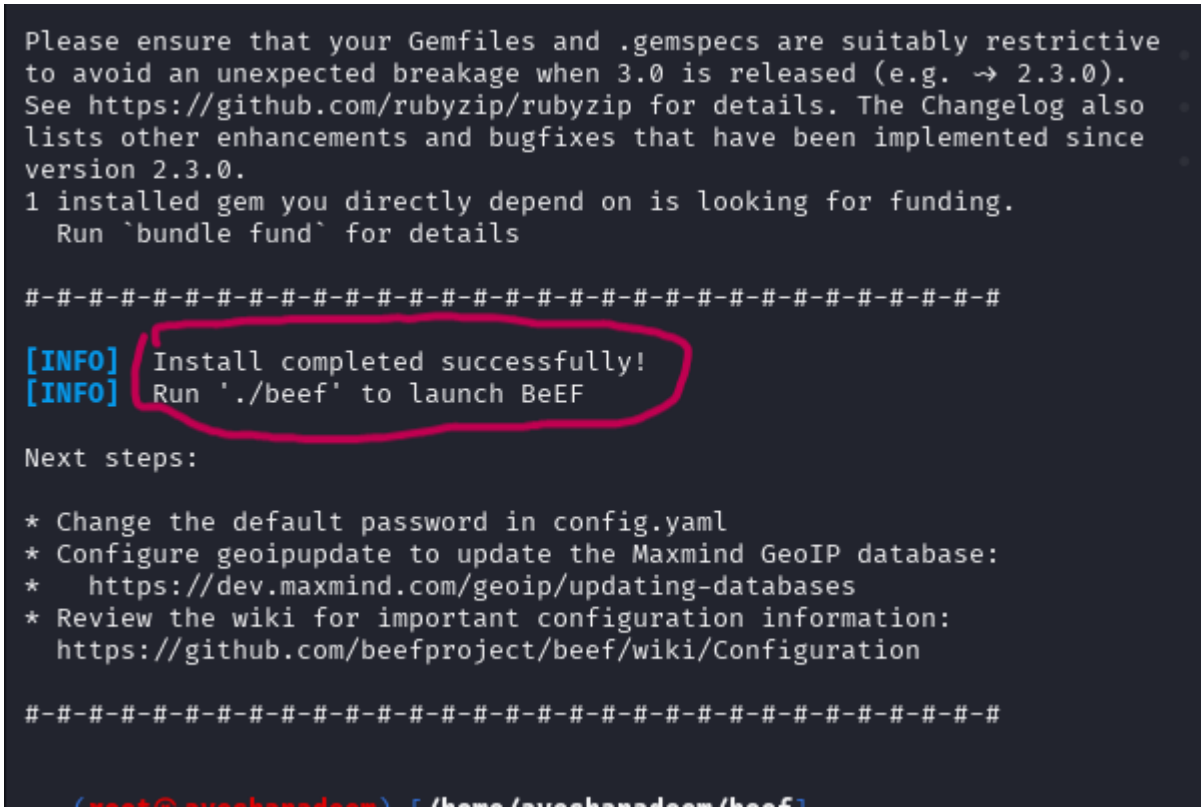

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Set Credentials:

Command 5:

```
┌──(root㉿ayeshanadeem)-[/home/ayeshanadeem/beef]
└─# nano config.yaml
```

Command 6:

Edit it……

```
File  Actions  Edit  View  Help
  GNU nano 8.3
#
# Copyright (c) 2006-2024 Wade Alcorn - wade@bindshell.net
# Browser Exploitation Framework (BeEF) - https://beefproject.com
# See the file 'doc/COPYING' for copying permission
#
# BeEF Configuration file

beef:
    version: '0.5.4.0'
    # More verbose messages (server-side)
    debug: false
    # More verbose messages (client-side)
    client_debug: false
    # Used for generating secure tokens
    crypto_default_value_length: 80

    # Credentials to authenticate in BeEF.
    # Used by both the RESTful API and the Admin interface
    credentials:
        user:   "ayesha"
        passwd: "aye"

    # Interface / IP restrictions
    restrictions:
        # subnet of IP addresses that can hook to the framework
        permitted_hooking_subnet: ["0.0.0.0/0", "::/0"]
        # subnet of IP addresses that can connect to the admin UI
        #permitted_ui_subnet: ["127.0.0.1/32", "::1/128"]
        permitted_ui_subnet: ["0.0.0.0/0", "::/0"]
        # subnet of IP addresses that cannot be hooked by the framework
        excluded_hooking_subnet: []
        # slow API calls to 1 every  api attempt delay  seconds
```

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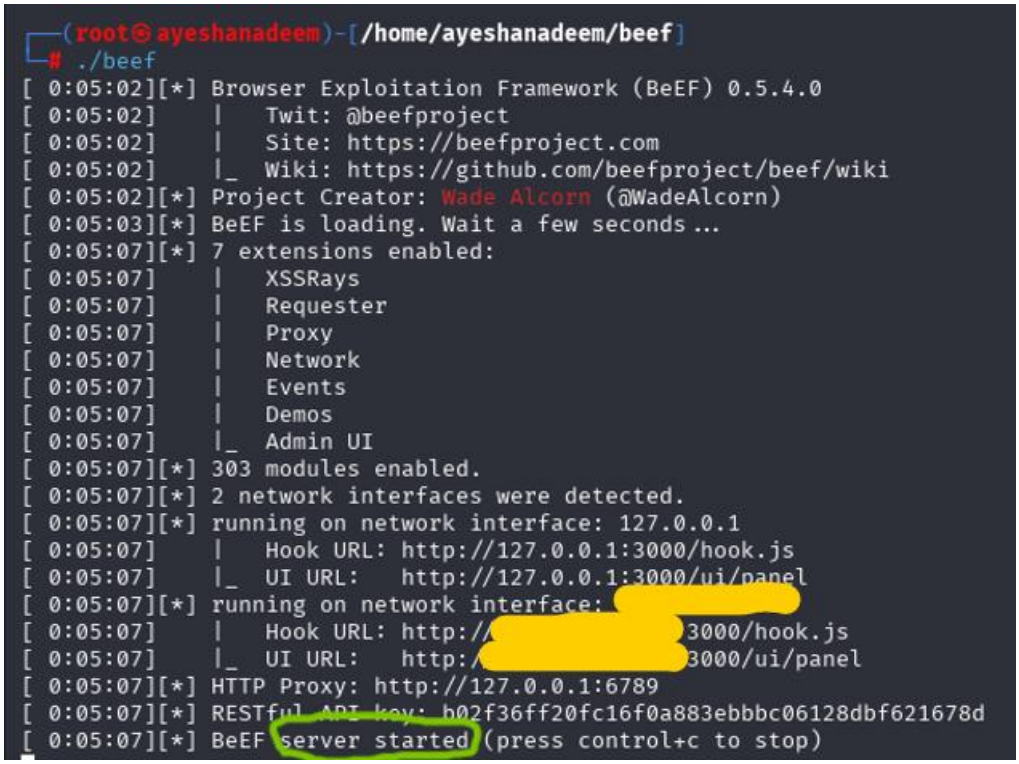
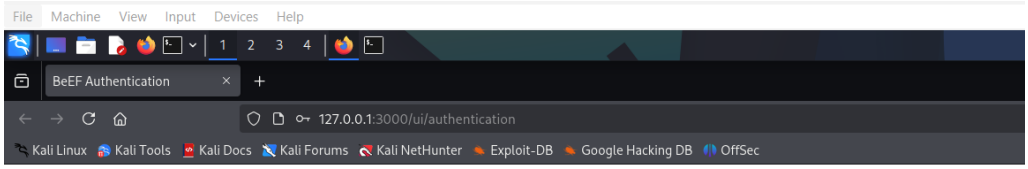
Running Beef Server

Command 7:



Putting Credentials



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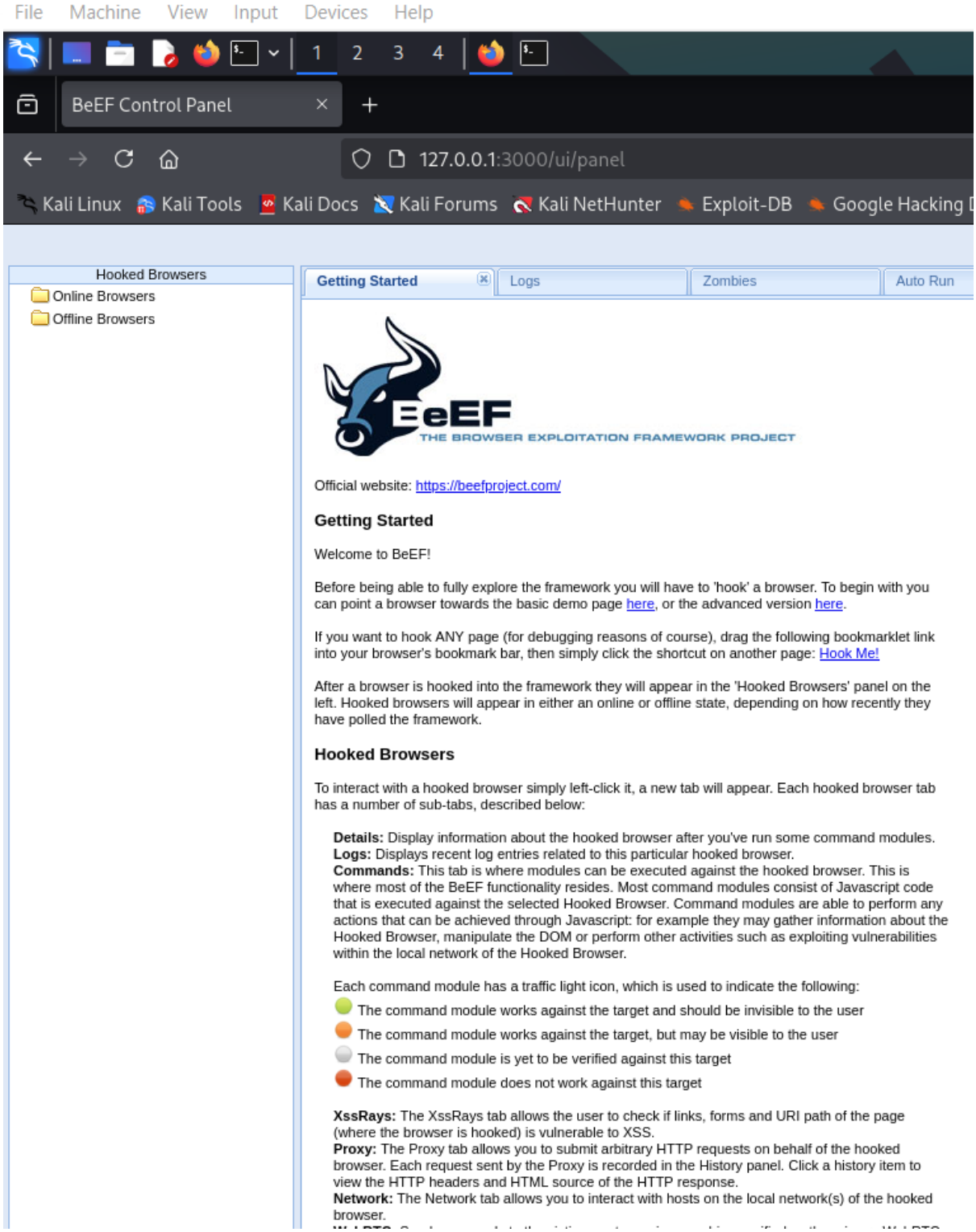
Beef Interface



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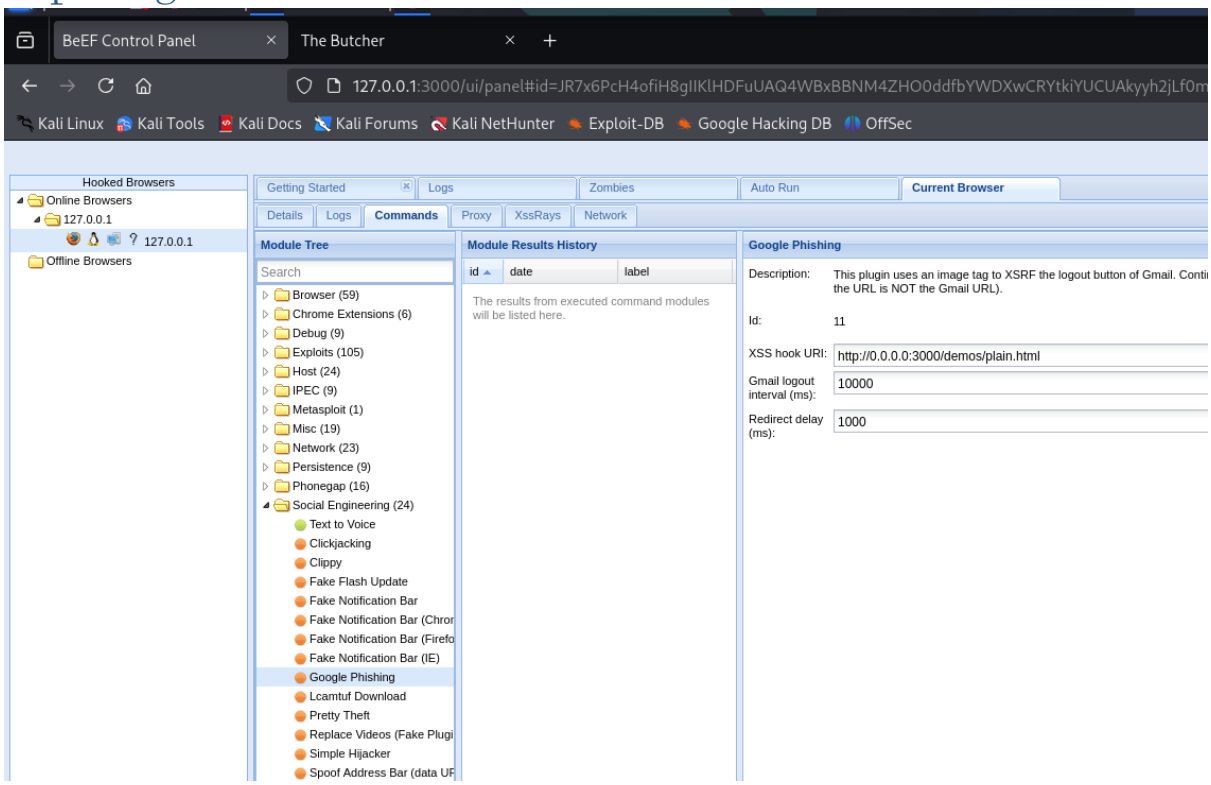
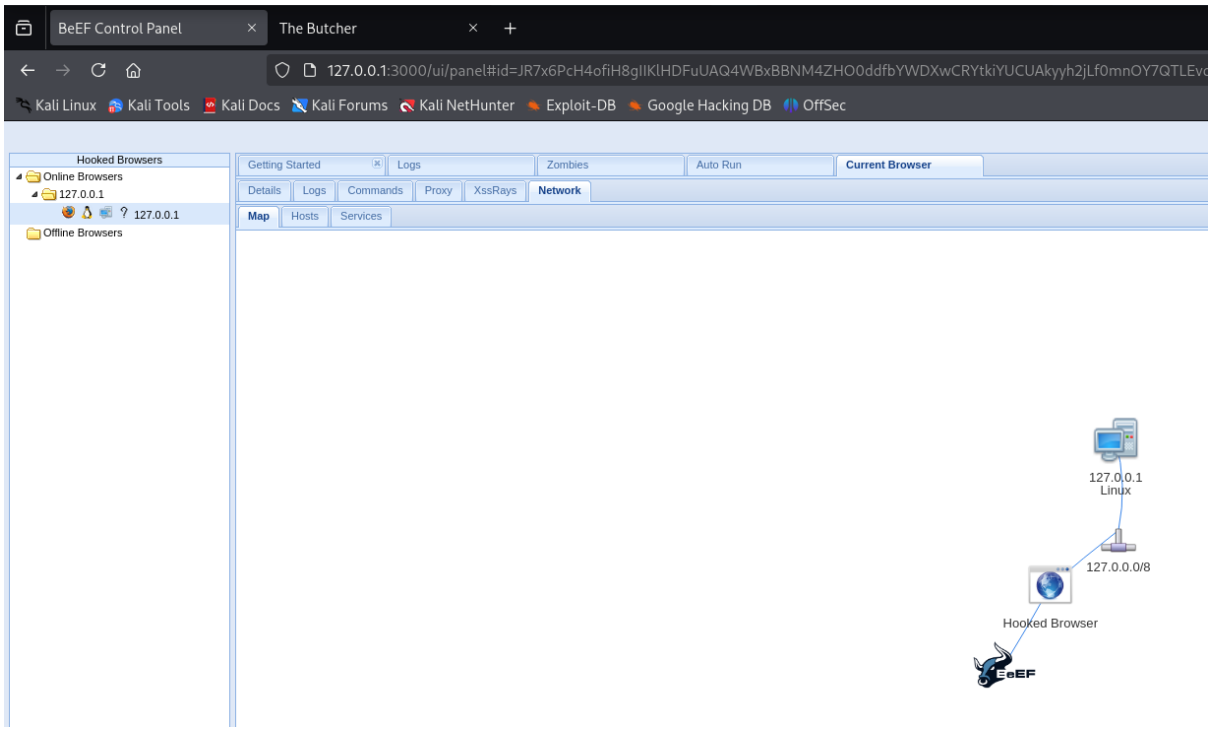
Exploring Beef





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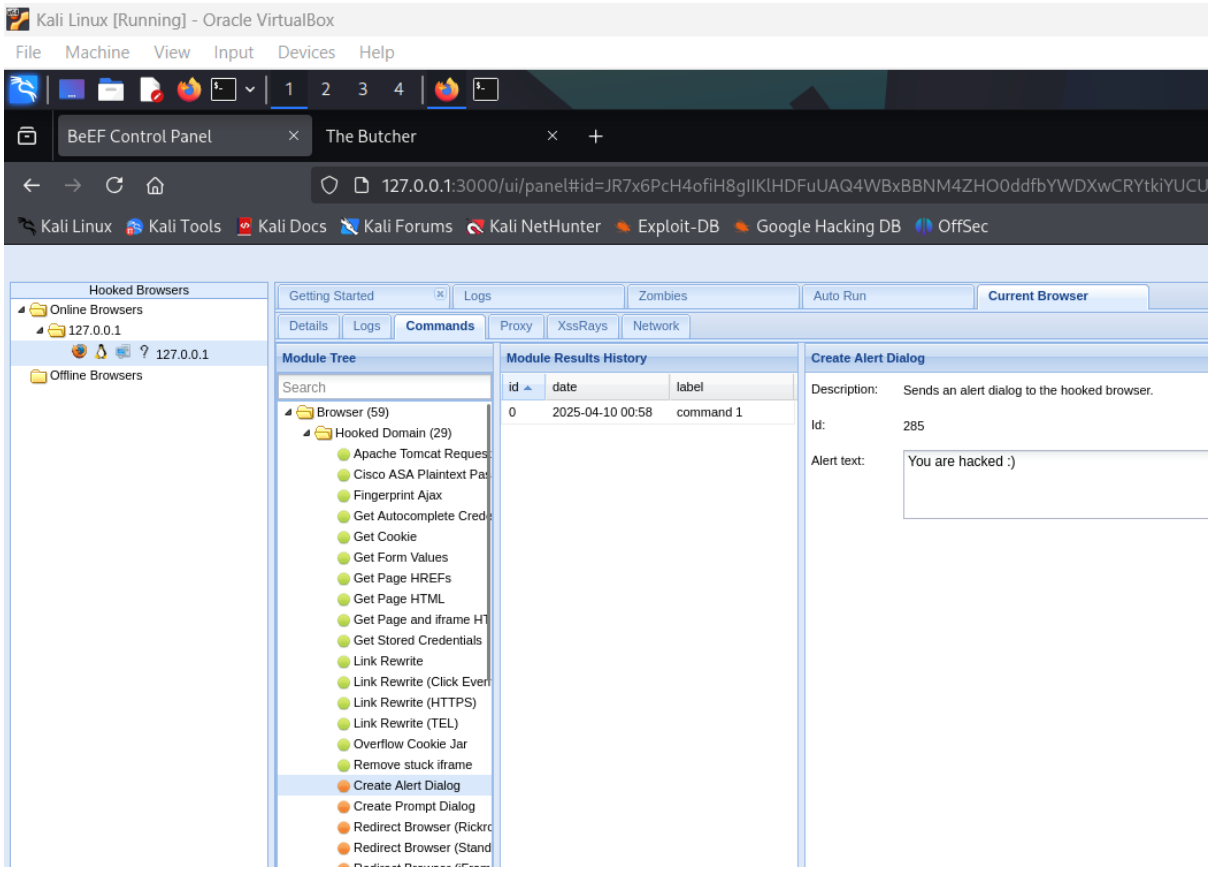
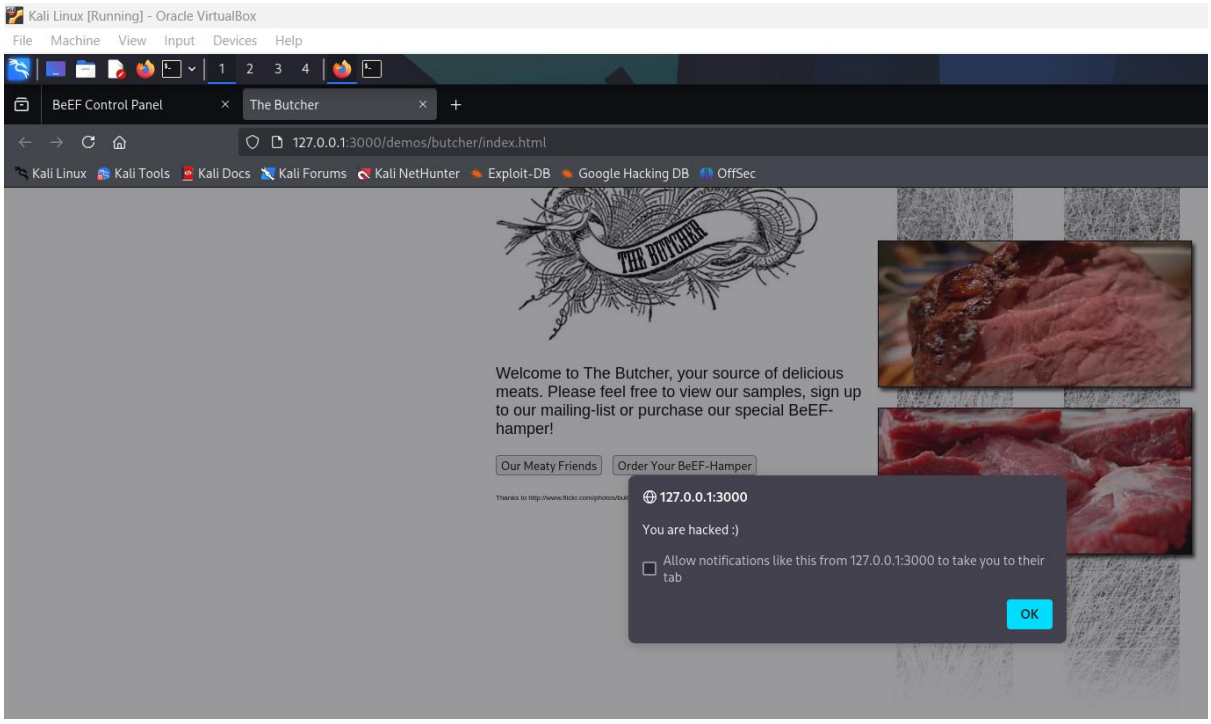
Attack!!!

Attack No. 1: Showing random alert box on web page





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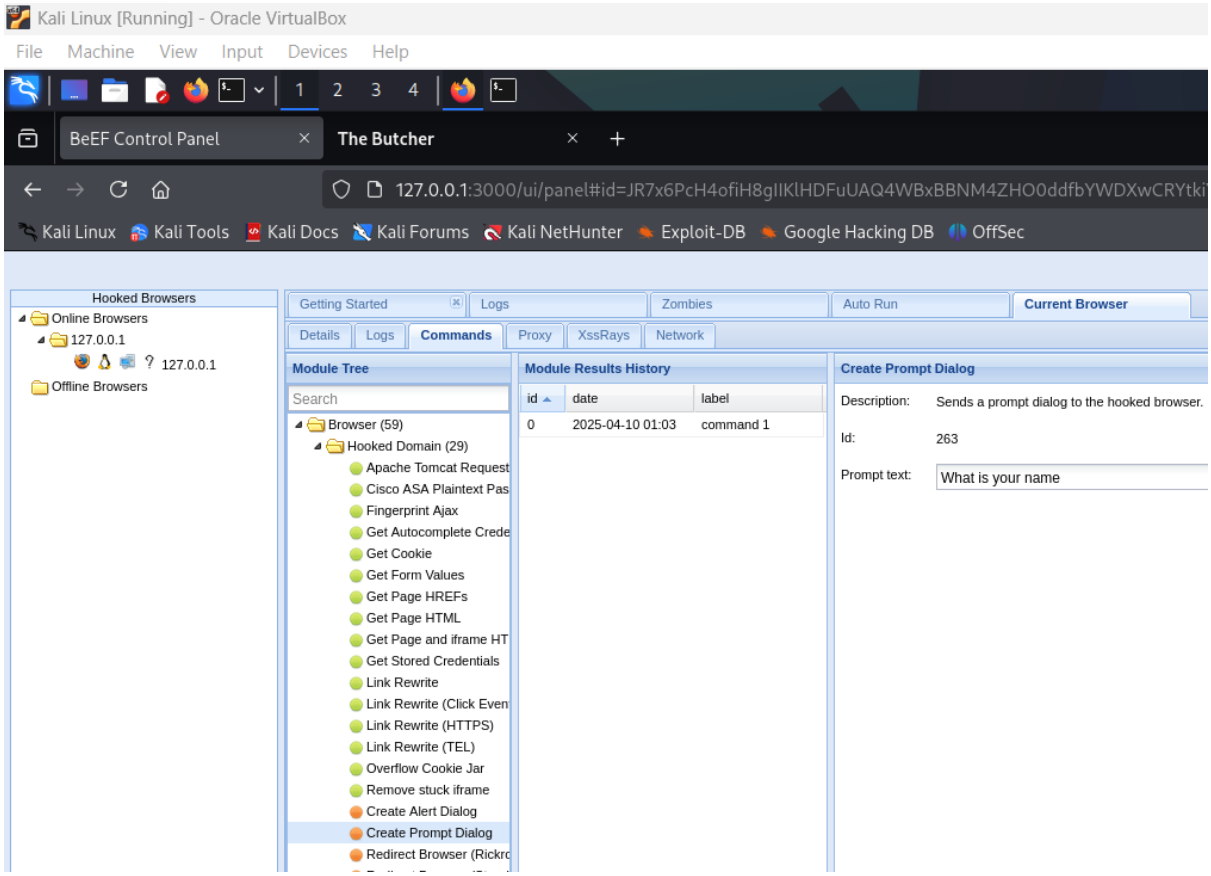
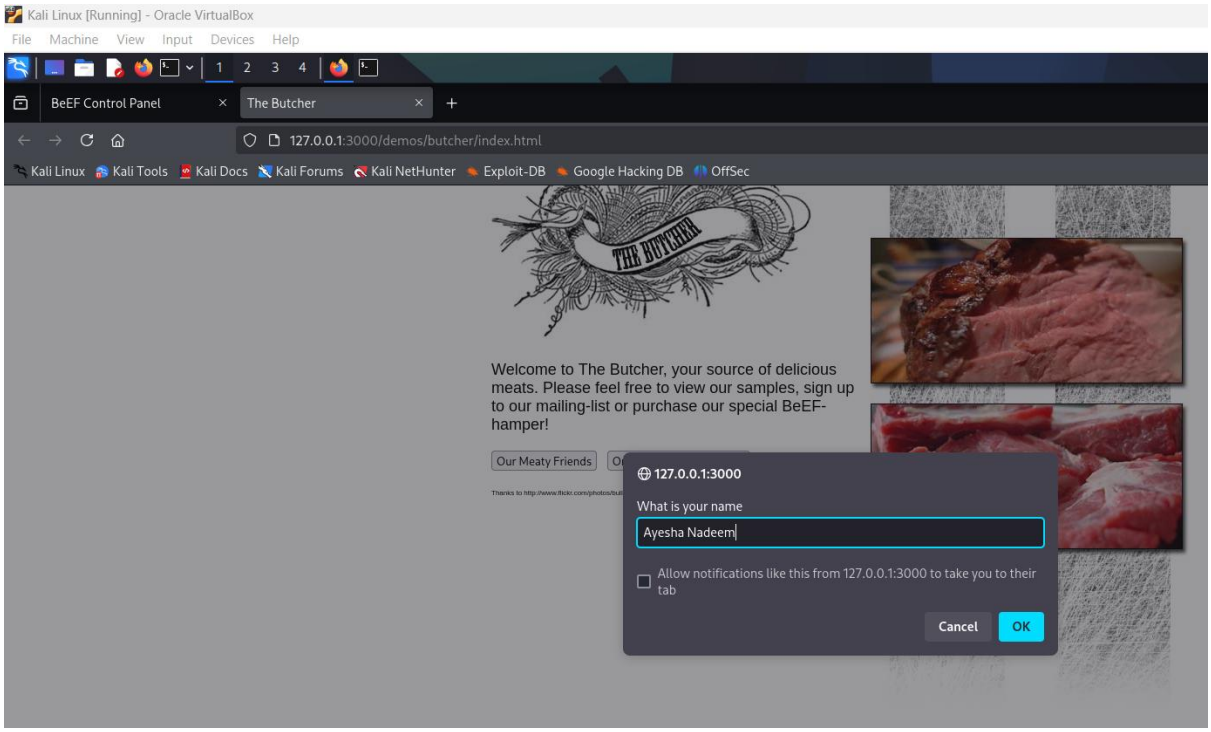
Attack No. 2: Getting name of users





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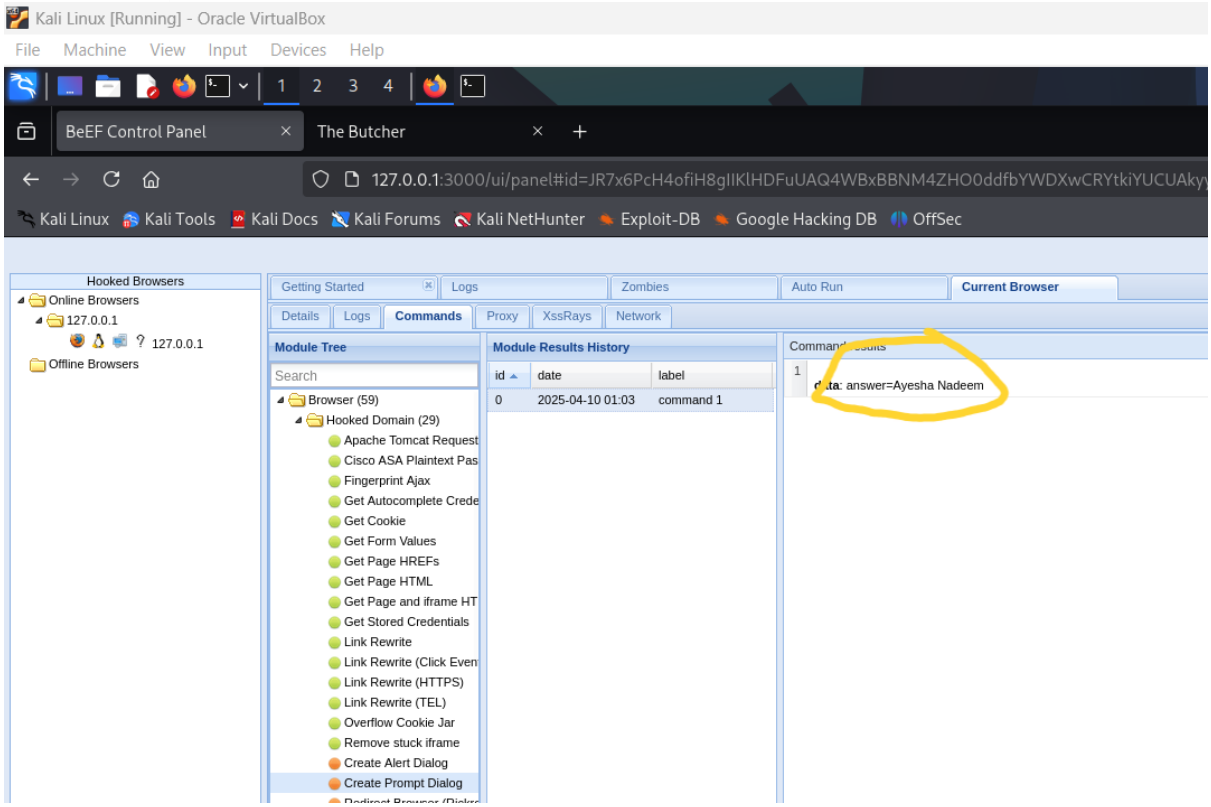

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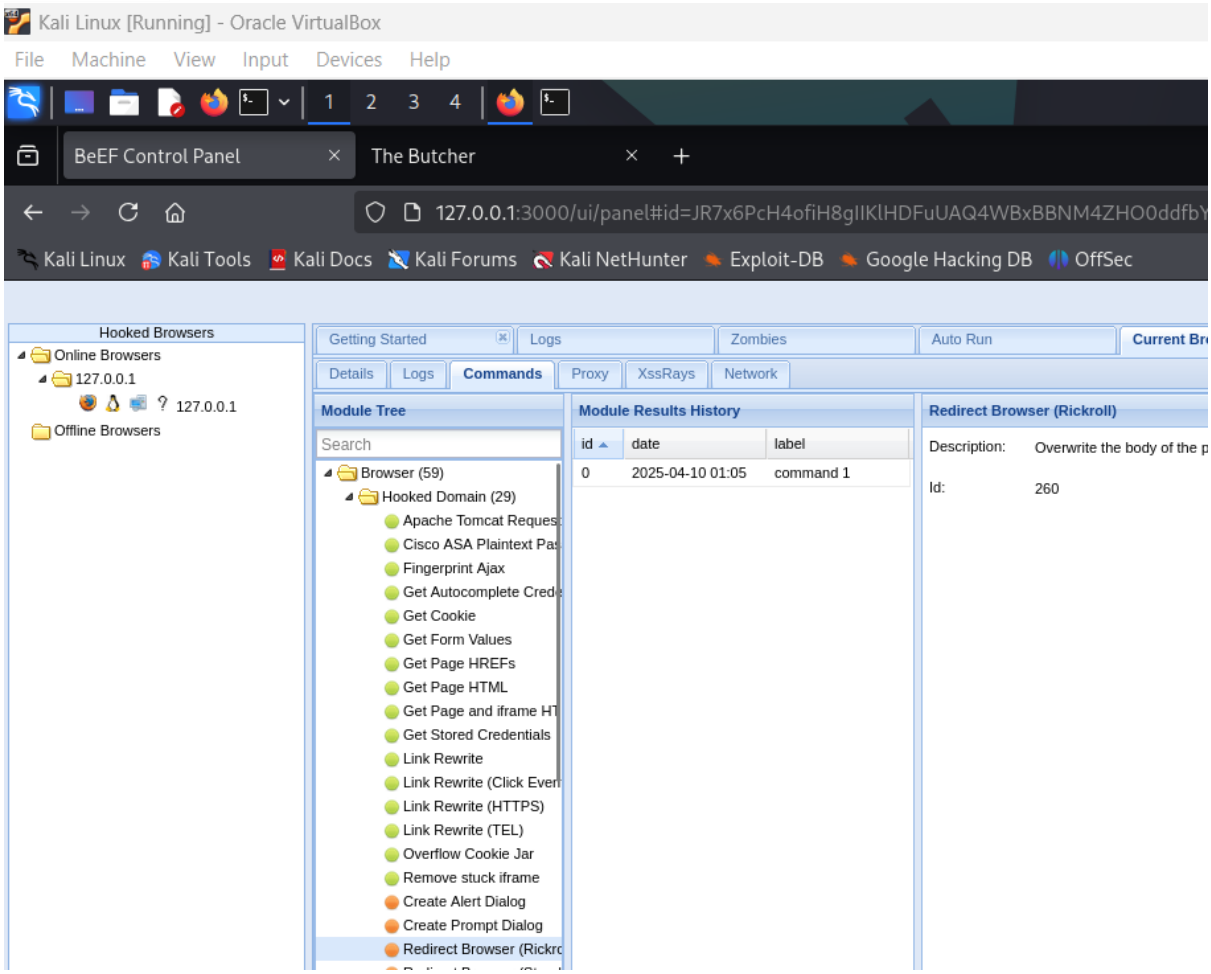
Attack No.3: Redirect URL:



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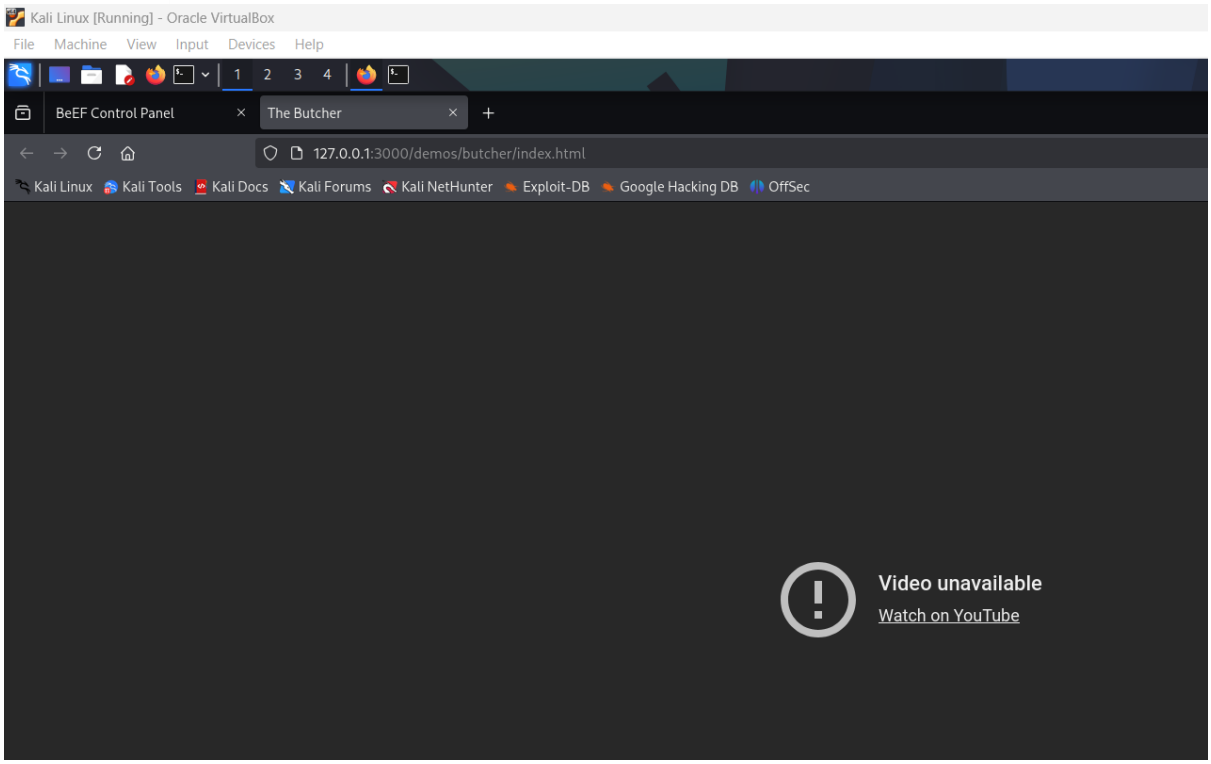

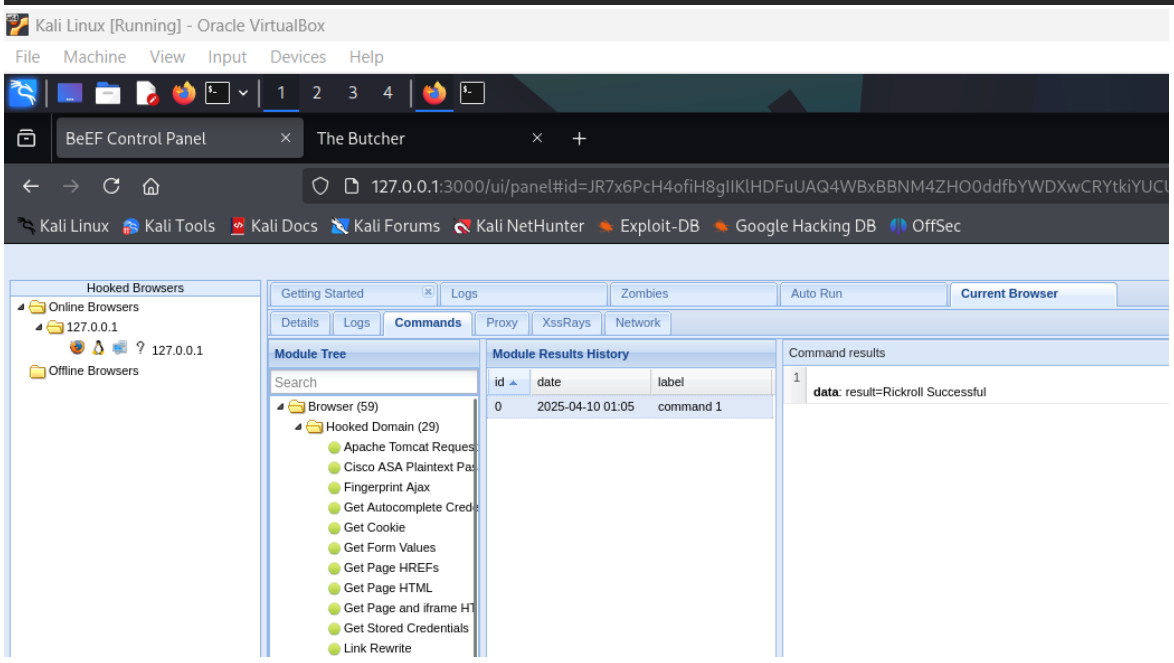

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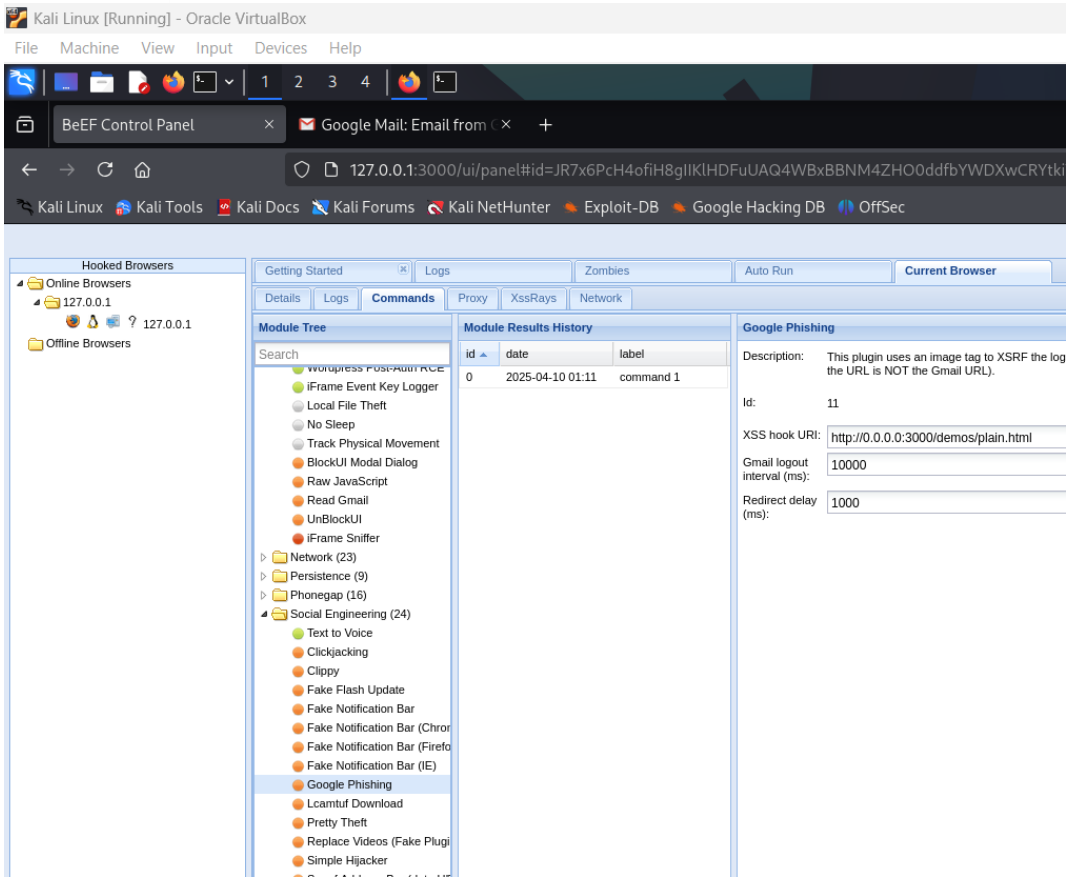
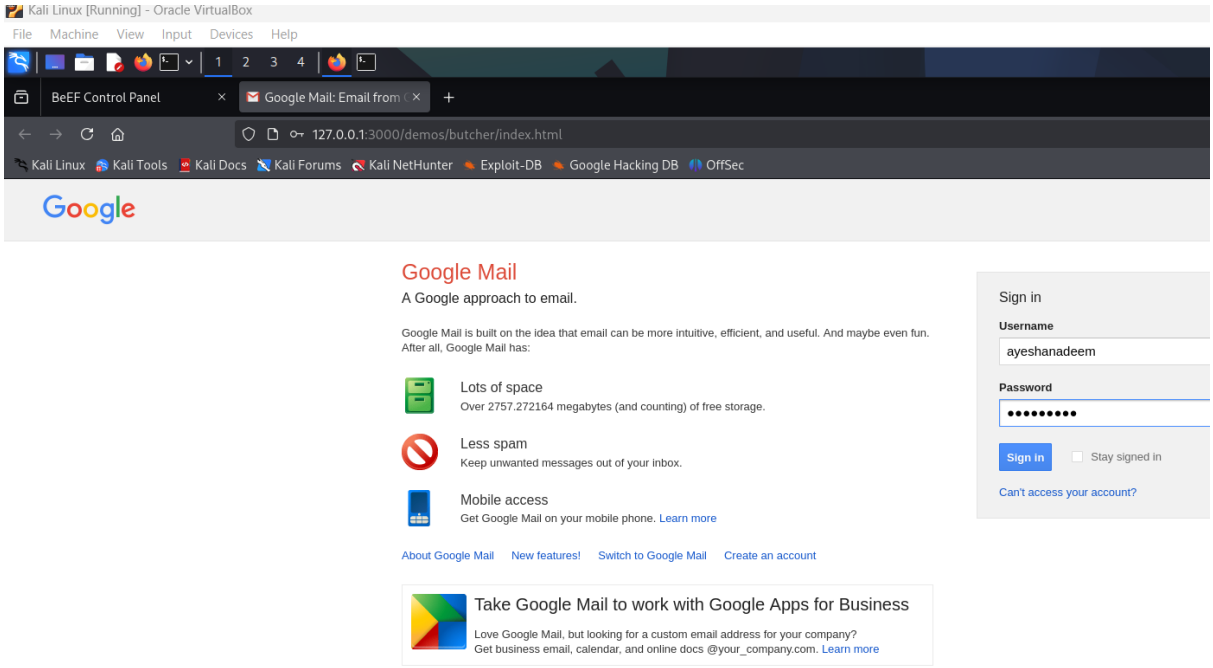
Attack No. 4 Google Phishing Attack:





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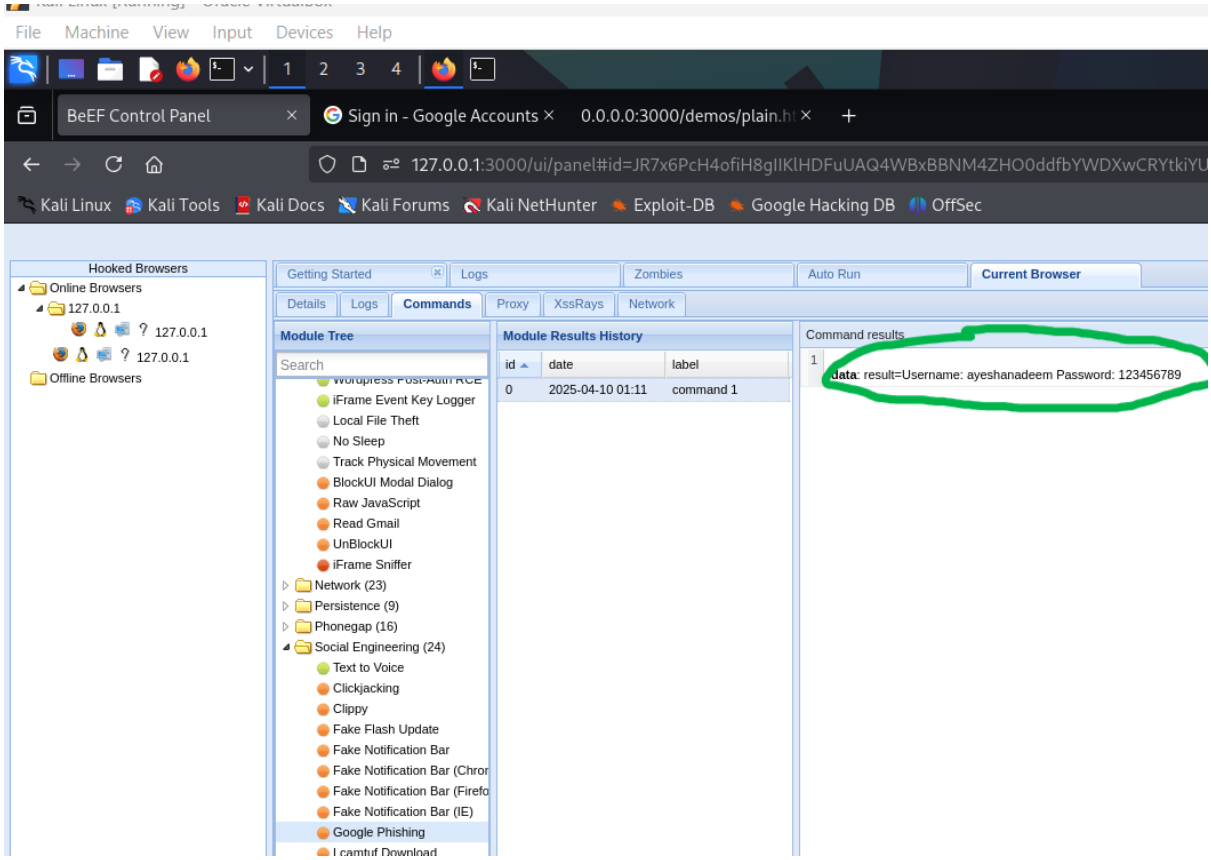
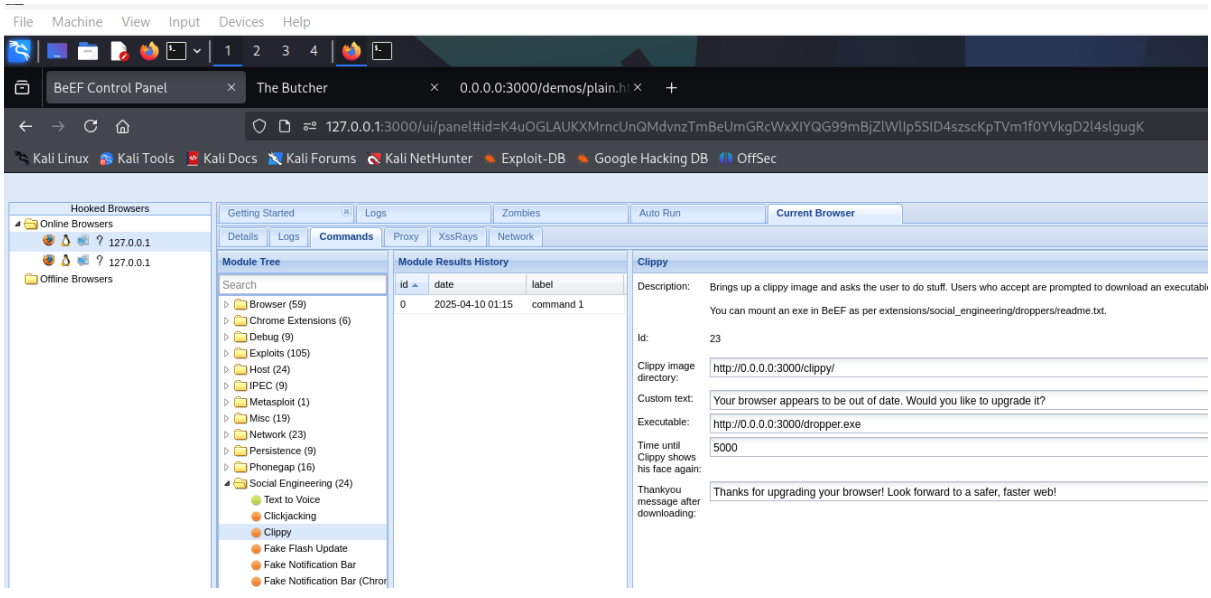


Attack No. 5: Clippy Attack



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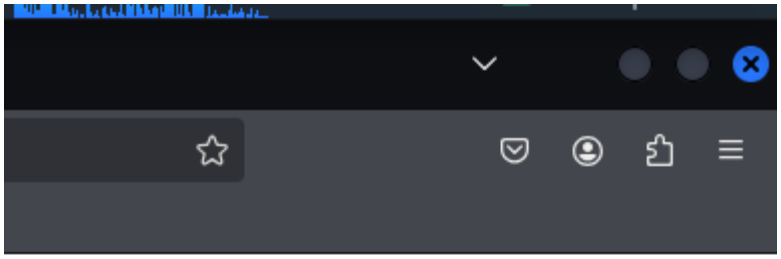

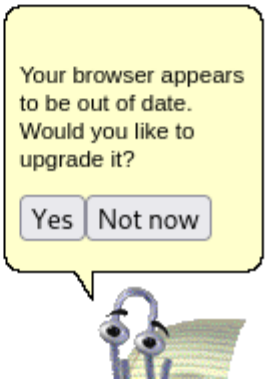

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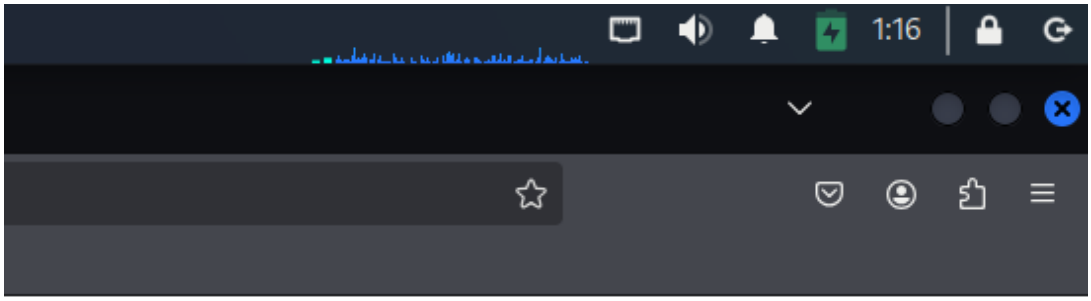

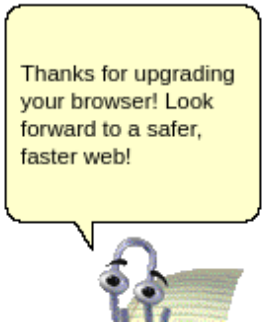

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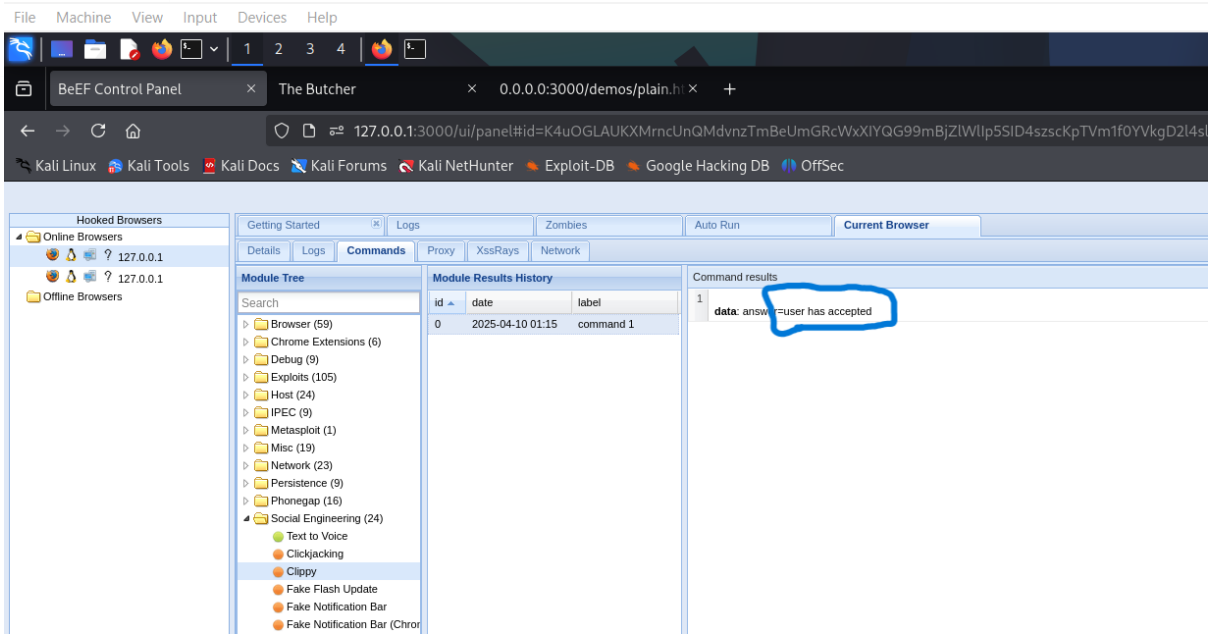

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