I Module: Footprinting and Reconnaissance
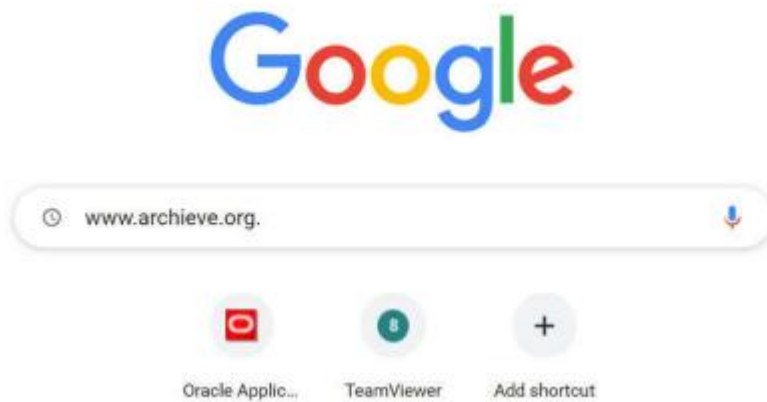
Using the software tools/commands to perform the following , generate an analysis report :

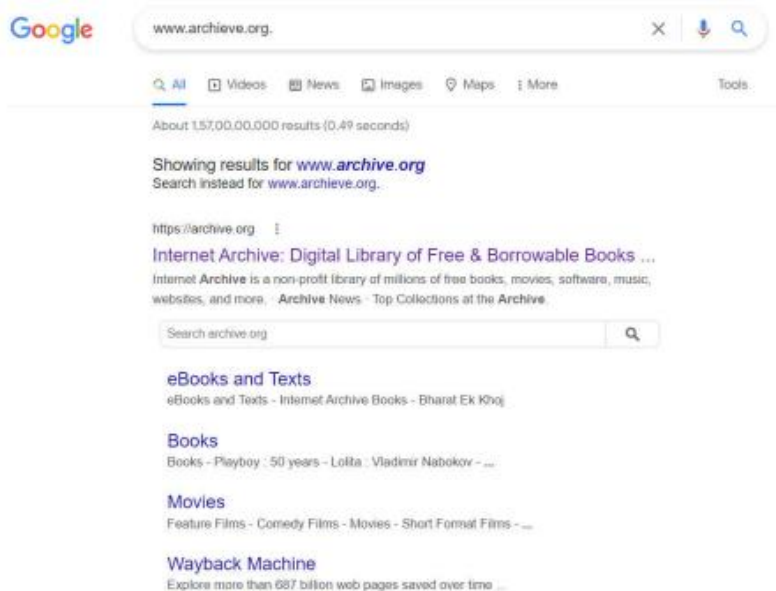## A. PERFORMING FOOTPRINTING USING GOOGLE HACKING:

B. To find out the information about a website

Step 1: Type https://www.archieve.org/ in Google

Google

www.archieve.org.

Oracle Applic...   TeamViewer   Add shortcut

Step2: Click on Internet Archive

Google   www.archieve.org.

Q All   Videos   News   Images   Maps   More   Tools

About 1,57,00,00,000 results (0.49 seconds)

Showing results for www.archive.org
Search instead for www.archieve.org.

https://archive.org

Internet Archive: Digital Library of Free & Borrowable Books ...
Internet Archive is a non-profit library of millions of free books, movies, software, music, websites, and more. Archive News · Top Collections at the Archive

Search archive.org

eBooks and Texts
eBooks and Texts - Internet Archive Books - Bharat Ek Khoj

Books
Books - Playboy : 50 years – Lolita : Vladimir Nabokov – ...

Movies
Feature Films - Comedy Films - Movies - Short Format Films – ...

Wayback Machine
Explore more than 687 billion web pages saved over time ...

Step 3: You can enter Domain name in the search box.

INTERNET ARCHIVE

Search the history of over 687 billion web pages on the Internet.

Wayback Machine   enter URL or keywords

Internet Archive is a non-profit library of millions of free books, movies, software, music, websites, and more.

Archive News

Music Library Association Opens Publications at Internet Archive

Knowledge Rights 21 Calls for Action on Library Rights

Recent Report from IFLA: How well did copyright laws serve libraries during COVID-19?

More posts

Search   GO

**Step 4: Suppose we want to check for Wikipedia, so we entered the search box.**

Step 5: For how the website was looking and are the pages are present on that website with different dates.
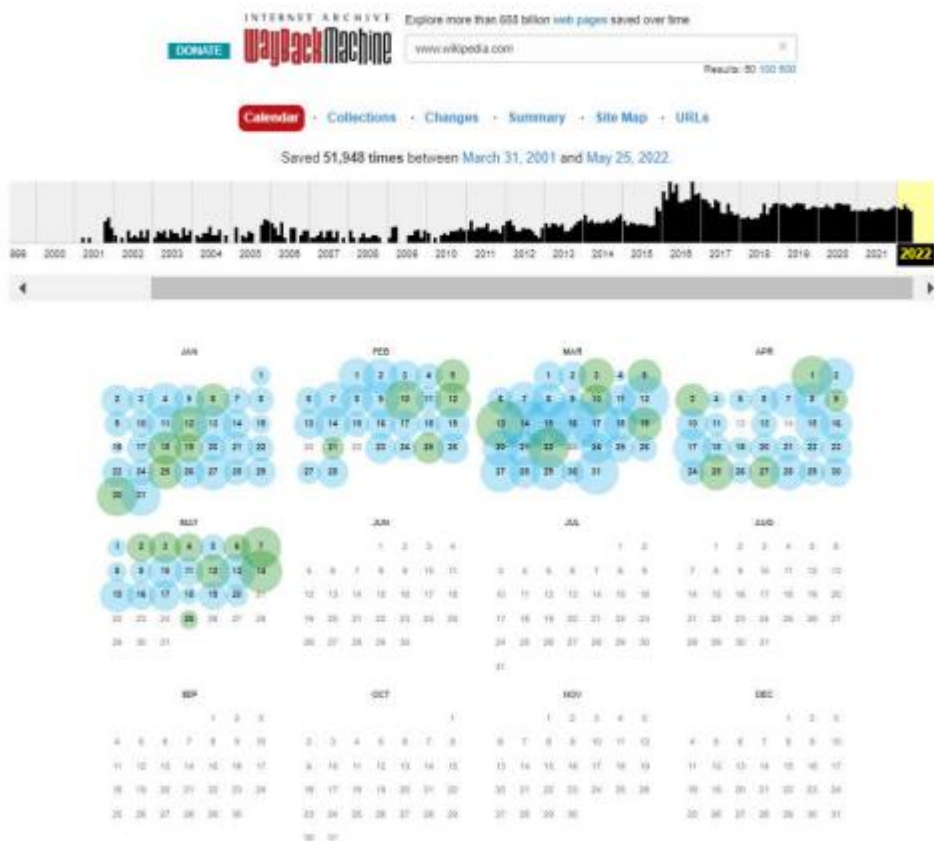
C. To find the information about a website

Web Data Extractor pro is web scraping tool designed for mass gathering different data types. With the help of web data extractor, you can custom extraction structured data. Start with the new project then type in URL then click on meta tag.
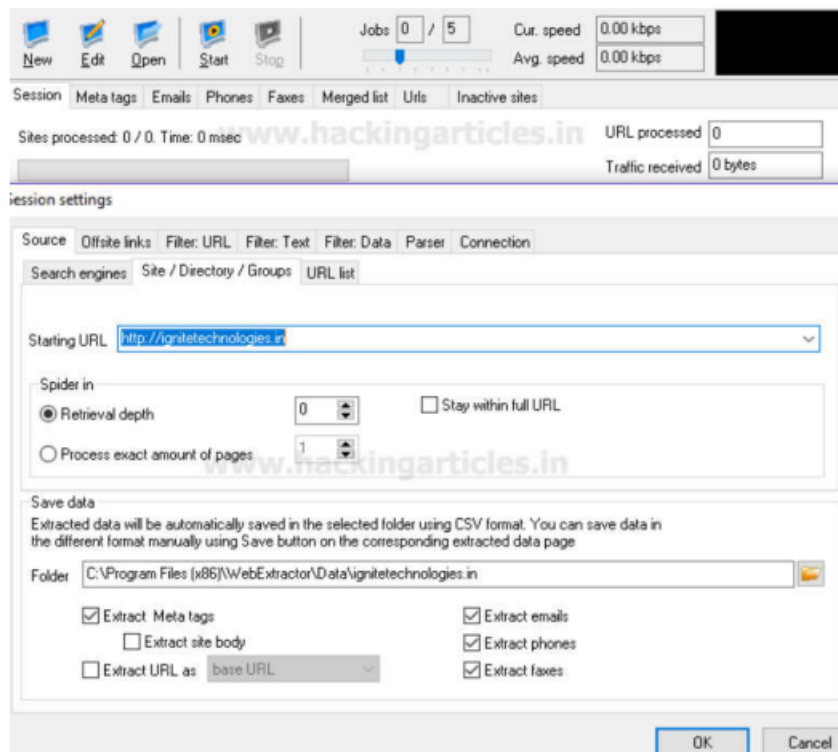
The entire website can be mirrored using tool like HTT tacker to collect information at own phase.

D. To trace any received email and generate a report.

A. Download emailtrackerpro (Software is shared: emt.exe) Follow the steps on this link
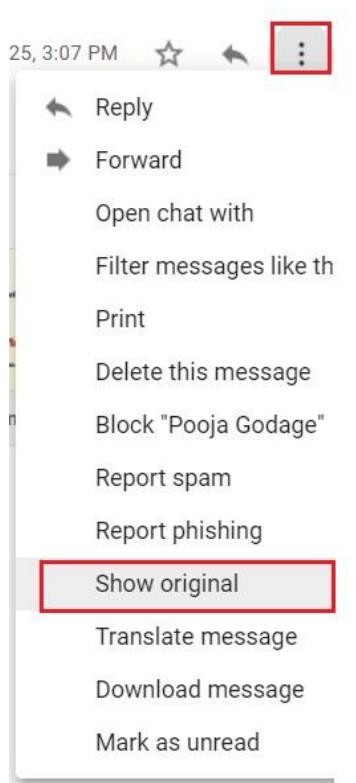http://www.emailtrackerpro.com/support/headertutorials/gmail.html

Step 1: Click on the email you want to trace from the Inbox view


Step 2: When the email opens there will be a down arrow in the top right hand corner of

the email. Clicking this will drop down a menu. Click the "Show Original" option, as shown on the right.

Step 3: A new tab will open in the browser and in that tab will be the entire email in text form, both the header and content will be visible. All that is required is the header. On the right is an example. The very top text is the header.
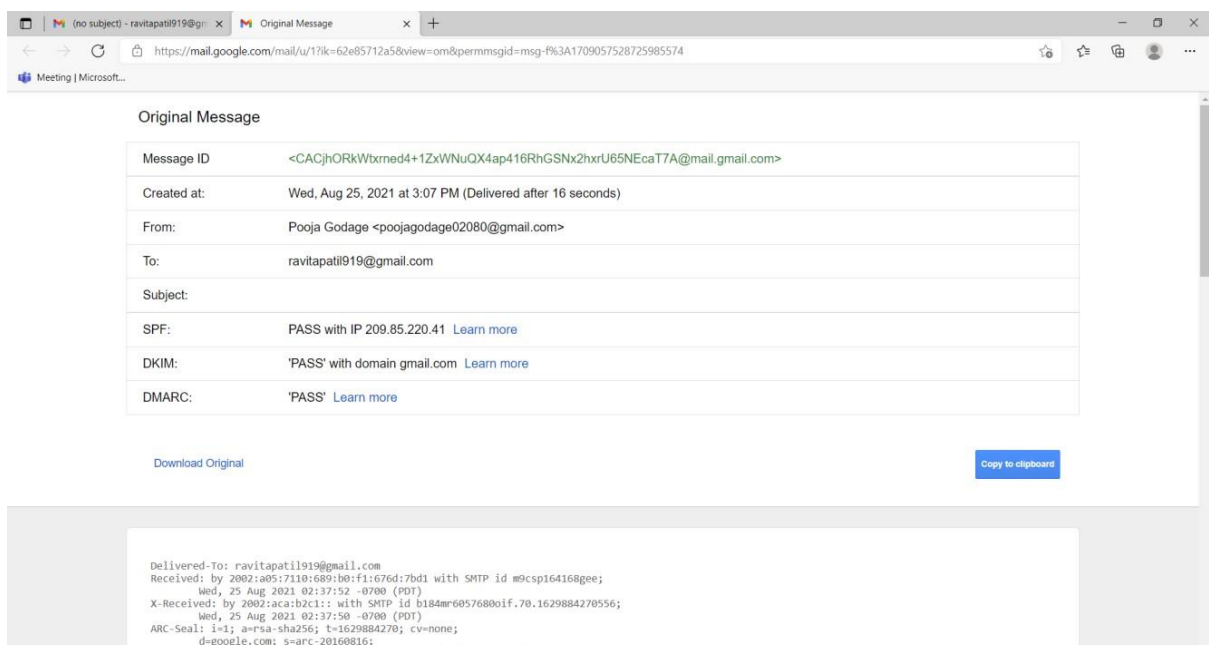

Step 4: To use these headers in eMailTrackerPro you have to follow the simple instructions below:

• Highlight the headers by clicking and dragging your cursor over the header text. Make sure you have got the whole header as some headers are too big for the window and

you will be required to scroll down. By dragging it should automatically scroll down for you

- Hold down the 'Ctrl' button on your keyboard and the press the 'C' key once, this has copied the highlighted headers
- Open eMailTrackerPro if it is not already open and click inside the dialog box where the headers are to be pasted. The headers should be automatically pasted into the dialog box, if this is not the case then hold down the 'Ctrl' key again and press the 'V' key to paste the headers into eMailTrackerPro
- Once the headers have been pasted click the 'Trace' button to initiate the trace
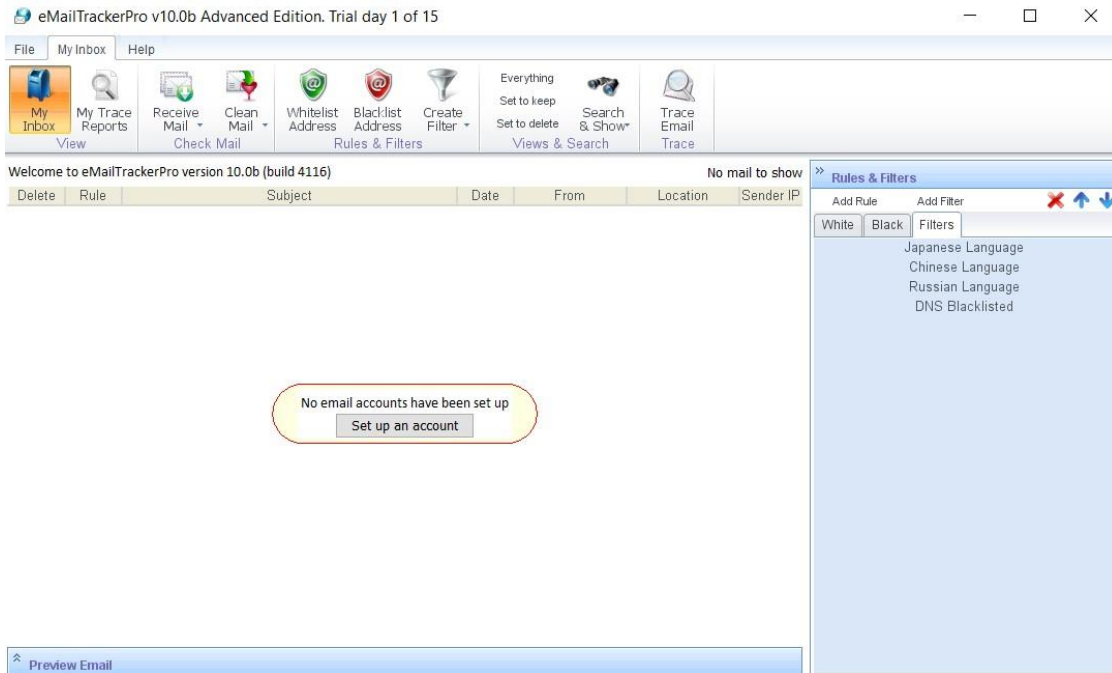
eMailTrackerPro by Visualware

Configure | Help | About

I Want To:

⦿ **Trace an email I have received**

A received email message often contains information that can locate the computer where the message was composed, the company name and sender's ISP (more info).

◯ **Look up network responsible for an email address**

An email address lookup will find information about the network responsible for mail sent from that address. It will not get any information about the sender of mail from an address but can still produce useful information.

Enter Details

To proceed, paste the email headers in the box below (how do I find the headers?).
Note: If you are using Microsoft Outlook, you can trace an email message directly from Outlook by using the eMailTrackerPro shortcut on the toolbar.

Email headers:

```
Content-Type: multipart/mixed; boundary="0000000000002b00e305c6389b6

--0000000000002b00e305c6389b6c
Content-Type: multipart/alternative; boundary="0000000000002b00e005c

--0000000000002b00e005c6389b6a
Content-Type: text/plain; charset="UTF-8"
```

[Trace] [Cancel]

File   Help

My Inbox | My Trace Reports | Trace Headers | Trace Address | Email Accounts | Settings | Export Rules Trial Edition
View | New Email Trace | Configure

Home | Subject: Fwd: Document... ✕

The trace is complete, the information found is displayed on the right

[New Trace] [View Report]

Map

USA

Email Summary

From: poojagodage02080@gmail.com
To: ravitapatil919@gmail.com
Date: Sat, 3 Jul 2021 19:38:11 +0530
Subject: Fwd: Document from Pooja godage
Location: USA

Misdirected: No
Abuse Reporting: To automatically generate an email abuse report click here
From IP: 209.85.220.41

System Information:

- There is no SMTP server running on this system (the port is closed).
- There is no HTTP server running on this system (the port is closed).
- There is no HTTPS server running on this system (the port is closed).
- There is no FTP server running on this system (the port is closed).

Trace Information

Subject: Fwd: Document from Pooja godage

Misdirected: No

From: poojagodage02080@gmail.com

Sender IP: 209.85.220.41

Abuse Address: (None Found)

Location: USA

E. To fetch DNS information
Goto command prompt and perform the following:

```
Microsoft Windows [Version 10.0.19043.1348]
(c) Microsoft Corporation. All rights reserved.

C:\Users\DELL>nslookup www.indiana.edu
Server:  UnKnown
Address:  192.168.43.1

Non-authoritative answer:
Name:    indiana.edu
Addresses:  2001:18e8:2:e::104
          2001:18e8:2:e::103
          129.79.123.149
          129.79.123.148
Aliases:  www.indiana.edu


C:\Users\DELL>nslookup www.gmail.com
Server:  UnKnown
Address:  192.168.43.1

Non-authoritative answer:
Name:    googlemail.l.google.com
Addresses:  2404:6800:4009:828::2005
          142.250.192.37
Aliases:  www.gmail.com
          mail.google.com
```

Go to ping.eu on the site. Locate DNS lookup and type the domain name to obtain the IP addresses and aliases

ping.eu   Online Ping, Traceroute, DNS lookup, WHOIS, Port check, Reverse looku
Network mask calculator, Country by IP, Unit converter

Your IP is **117.99.247.252**

Choose function:

Ping – Shows how long it takes for packets to reach host

Traceroute – Traces the route of packets to destination host from our server

DNS lookup – Look up DNS record

WHOIS – Lists contact info for an IP or domain

---

ping.eu   Online Ping, Traceroute, DNS lookup, WHOIS, Port check, Reverse lookup, Proxy checker, Bandwidth meter, Network calculator,
Network mask calculator, Country by IP, Unit converter

Your IP is **117.99.247.252**

Online service DNS lookup

DNS lookup – Look up DNS record

IP address or host name: | indiana.edu | | Go |

Using domain server:
Name:
127.0.0.1

Address:
127.0.0.1#53
Aliases:

indiana.edu has address **129.79.123.149**
indiana.edu has address **129.79.123.148**
indiana.edu has IPv6 address 2001:18e8:2:e::103
indiana.edu has IPv6 address 2001:18e8:2:e::104
indiana.edu mail is handled by 0 external-relay.indiana.edu.