

# ITA1443-Ethical Hacking For Legal Systems

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Reg.No:192011244

Slot: D

## Exercise No 5: Information gathering using theHarvester

```
surya@kali: ~  
File Actions Edit View Help  
theHarvester -d www.zoho.com -l 300 -b all  
*****  
*  
* [ASCII ART] *  
* [ASCII ART] *  
* [ASCII ART] *  
* [ASCII ART] *  
* [ASCII ART] *  
* [ASCII ART] *  
* theHarvester 4.2.0 *  
* Coded by Christian Martorella *  
* Edge-Security Research *  
* cmartorella@edge-security.com *  
*  
*****  
[*] Target: www.zoho.com  
  
[!] Missing API key for binaryedge.  
[!] Missing API key for Censys ID and/or Secret.  
[!] Missing API key for fullhunt.  
[!] Missing API key for Github.  
[!] Missing API key for Hunter.  
[!] Missing API key for Intelx.  
[!] Missing API key for PentestTools.  
[!] Missing API key for ProjectDiscovery.  
  
surya@kali: ~  
File Actions Edit View Help  
[!] Missing API key for RocketReach.  
[!] Missing API key for SecurityTrail.  
[!] Missing API key for virustotal.  
[!] Missing API key for zoomeye.  
An exception has occurred: Cannot serialize non-str key None  
[*] Searching Anubis.  
An exception has occurred: Cannot connect to host dns.bufferover.run:443 ssl:<ssl.SSLContext object at 0x7ff845799840> [Name or service not known]  
[*] Searching results.  
[*] Searching Certspotter.  
[*] Searching CRTsh.  
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:<ssl.SSLContext object at 0x7ff847d9a3c0> [Connection reset by peer]  
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:<ssl.SSLContext object at 0x7ff847d9abc0> [Connection reset by peer]  
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:<ssl.SSLContext object at 0x7ff847d9acc0> [Connection reset by peer]  
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:<ssl.SSLContext object at 0x7ff847d9ad00> [Connection reset by peer]  
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:<ssl.SSLContext object at 0x7ff847d9ae00> [Connection reset by peer]  
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:<ssl.SSLContext object at 0x7ff847d9af00> [Connection reset by peer]  
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:<ssl.SSLContext object at 0x7ff847d99ac0> [Connection reset by peer]  
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:<ssl.SSLContext object at 0x7ff847d99bc0> [Connection reset by peer]  
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:<ssl.SSLContext object at 0x7ff847d99cc0> [Connection reset by peer]  
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:<ssl.SSLContext object at 0x7ff847d99dc0> [Connection reset by peer]  
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:<ssl.SSLContext object at 0x7ff847d99ec0> [Connection reset by peer]  
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:<ssl.SSLContext object at 0x7ff847d99fc0> [Connection reset by peer]  
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:<ssl.SSLContext object at 0x7ff847d990c0> [Connection reset by peer]  
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:<ssl.SSLContext object at 0x7ff847d991c0> [Connection reset by peer]  
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:<ssl.SSLContext object at 0x7ff847d992c0> [Connection reset by peer]  
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:<ssl.SSLContext object at 0x7ff847d993c0> [Connection reset by peer]  
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:<ssl.SSLContext object at 0x7ff847d994c0> [Connection reset by peer]  
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:<ssl.SSLContext object at 0x7ff847d995c0> [Connection reset by peer]  
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:<ssl.SSLContext object at 0x7ff847d996c0> [Connection reset by peer]  
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:<ssl.SSLContext object at 0x7ff847d997c0> [Connection reset by peer]
```

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surya@kali: -
File Actions Edit View Help
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:ssl.SSLContext object at 0x7ff847d9a6c0> [Connection reset by peer]
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:ssl.SSLContext object at 0x7ff847d9b1c0> [Connection reset by peer]
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:ssl.SSLContext object at 0x7ff847d997c0> [Connection reset by peer]
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:ssl.SSLContext object at 0x7ff847d999c0> [Connection reset by peer]
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:ssl.SSLContext object at 0x7ff847d99ac0> [Connection reset by peer]
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:ssl.SSLContext object at 0x7ff847d999c0> [Connection reset by peer]
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:ssl.SSLContext object at 0x7ff847d99fc0> [Connection reset by peer]
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:ssl.SSLContext object at 0x7ff847d9a0c0> [Connection reset by peer]
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:ssl.SSLContext object at 0x7ff847d9a1c0> [Connection reset by peer]
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:ssl.SSLContext object at 0x7ff847d9a2c0> [Connection reset by peer]
An exception has occurred: Cannot connect to host www.baidu.com:443 ssl:ssl.SSLContext object at 0x7ff847d9a4c0> [Connection reset by peer]
[*] Searching Dnsdumpster.
    Searching 0 results.
[*] Searching Bing.
[*] Searching Duckduckgo.
[*] Searching Hackertarget.
[*] Searching Otx.
An exception has occurred:
[*] Searching Baidu.
[*] Searching Rapidns.
An exception has occurred: [Errno 104] Connection reset by peer
An exception has occurred: Cannot connect to host api.qwant.com:443 ssl:ssl.SSLContext object at 0x7ff847d9ba00> [None]
An exception has occurred: Cannot connect to host api.qwant.com:443 ssl:ssl.SSLContext object at 0x7ff845745740> [None]
An exception has occurred: Cannot connect to host api.qwant.com:443 ssl:ssl.SSLContext object at 0x7ff847d99d40> [None]
An exception has occurred: [Errno 104] Connection reset by peer
An exception has occurred: Cannot connect to host api.qwant.com:443 ssl:ssl.SSLContext object at 0x7ff847d9b540> [None]
An exception has occurred: Cannot connect to host api.qwant.com:443 ssl:ssl.SSLContext object at 0x7ff847d9b940> [None]
An exception has occurred: Cannot connect to host api.qwant.com:443 ssl:ssl.SSLContext object at 0x7ff847d9bd40> [Connection reset by peer]
An exception has occurred: Cannot connect to host api.qwant.com:443 ssl:ssl.SSLContext object at 0x7ff847d99a40> [Connection reset by peer]
An exception has occurred: Cannot connect to host api.qwant.com:443 ssl:ssl.SSLContext object at 0x7ff847d99f40> [None]
An exception has occurred: Cannot connect to host api.qwant.com:443 ssl:ssl.SSLContext object at 0x7ff847d9b6c0> [Connection reset by peer]
An exception has occurred: Cannot connect to host api.qwant.com:443 ssl:ssl.SSLContext object at 0x7ff845747440> [None]
An exception has occurred: 0, message='Attempt to decode JSON with unexpected mimetype: text/html; charset=utf-8', url-URL('https://sonar.omnisint.io/all/www.zoho.com?page=1')
```

```
surya@kali: -
File Actions Edit View Help
[*] Searching Omnisint.
An exception has occurred: [Errno 104] Connection reset by peer
An exception has occurred: Cannot connect to host www.threatcrowd.org:443 ssl:True [SSLCertVerificationError: (1, "[SSL: CERTIFICATE_VERIFY_FAILED] certificate verify failed: Hostname mismatch, certificate is not valid for 'www.threatcrowd.org'. (_ssl.c:997)")]
string indices must be integers
[*] Searching Threatcrowd.
An exception has occurred: 0, message='Attempt to decode JSON with unexpected mimetype: text/html; charset=utf-8', url-URL('https://api.threatminer.org/v2/domain.php?q=www.zoho.com&rt=5')
[*] Searching Uriscan.
An exception has occurred:
An exception has occurred:
An exception has occurred:
An exception has occurred:
An exception has occurred:
An exception has occurred:
An exception has occurred:
[*] Searching Qwant.
An exception has occurred: 0, message='Attempt to decode JSON with unexpected mimetype: text/html; charset=utf-8', url-URL('https://api.sublist3r.com/search.php?domain=www.zoho.com')
[*] Searching Sublist3r.

[*] ASNS found: 7
AS13335
AS141757
AS14618
AS16509
AS24247
AS2639
AS41913

[*] Interesting Urls found: 28
```

```
surya@kali: -
File Actions Edit View Help
[*] Interesting Urls found: 28
https://www.zoho.com/...
https://www.zoho.com/analytics/...
https://www.zoho.com/assist/...
https://www.zoho.com/assist/?zsrc=fromproduct
https://www.zoho.com/books/
https://www.zoho.com/campaigns/explainer/campaign-view.html
https://www.zoho.com/campaigns/explainer/zcsend.html
https://www.zoho.com/creator/
https://www.zoho.com/crm/
https://www.zoho.com/emailsender/
https://www.zoho.com/en-au/
https://www.zoho.com/expense/
https://www.zoho.com/forms/
https://www.zoho.com/forms/?serviceurl=%2Fchuckhenry73&2Fform%2FDiputacideBarcelona
https://www.zoho.com/invoice/
https://www.zoho.com/mail/glossary/email-spoofing.html
https://www.zoho.com/nl/
https://www.zoho.com/nl/assist/?zsrc=fromproduct
https://www.zoho.com/nl/forms/
https://www.zoho.com/nl/pagesense/?zsrc=fromproduct
https://www.zoho.com/nl/survey/
https://www.zoho.com/one/lp/linux.html
https://www.zoho.com/recruit/
https://www.zoho.com/report-abuse/
https://www.zoho.com/salesiq/
https://www.zoho.com/sprints/
https://www.zoho.com/survey/
https://www.zoho.com/survey/zs/Qq0Hnt

[*] LinkedIn Links found: 0
```

```
surya@kali: ~  
File Actions Edit View Help  
[*] LinkedIn Links found: 0  
[*] IPs found: 38  
8.39.54.155  
8.40.222.155  
13.32.99.51  
13.227.219.101  
18.66.15.12  
52.4.217.128  
74.201.84.81  
74.201.112.101  
74.201.112.118  
74.201.113.118  
74.201.113.176  
74.201.113.203  
74.201.155.201  
89.36.170.52  
103.163.152.75  
104.16.11.213  
104.16.12.213  
104.16.13.213  
104.16.14.213  
104.16.15.213  
104.16.43.59  
104.16.44.59  
117.20.43.131  
136.143.182.155  
136.143.190.79  
136.143.190.155  
136.143.190.156  
136.143.191.204  
165.173.187.32  
74.201.112.101  
74.201.112.118  
74.201.113.118  
74.201.113.176  
74.201.113.203  
74.201.155.201  
89.36.170.52  
103.163.152.75  
104.16.11.213  
104.16.12.213  
104.16.13.213  
104.16.14.213  
104.16.15.213  
104.16.43.59  
104.16.44.59  
117.20.43.131  
136.143.182.155  
136.143.190.79  
136.143.190.155  
136.143.190.156  
136.143.191.204  
165.173.187.32  
165.254.167.165  
165.254.168.165  
185.20.209.52  
204.141.32.155  
204.141.42.155  
216.52.72.155  
2a06:98c1:3120::c  
[*] No emails found.  
[*] No hosts found.
```