# Information Gathering

Use a tool like theharvester to analyse the domain: beuth-hochschule.de

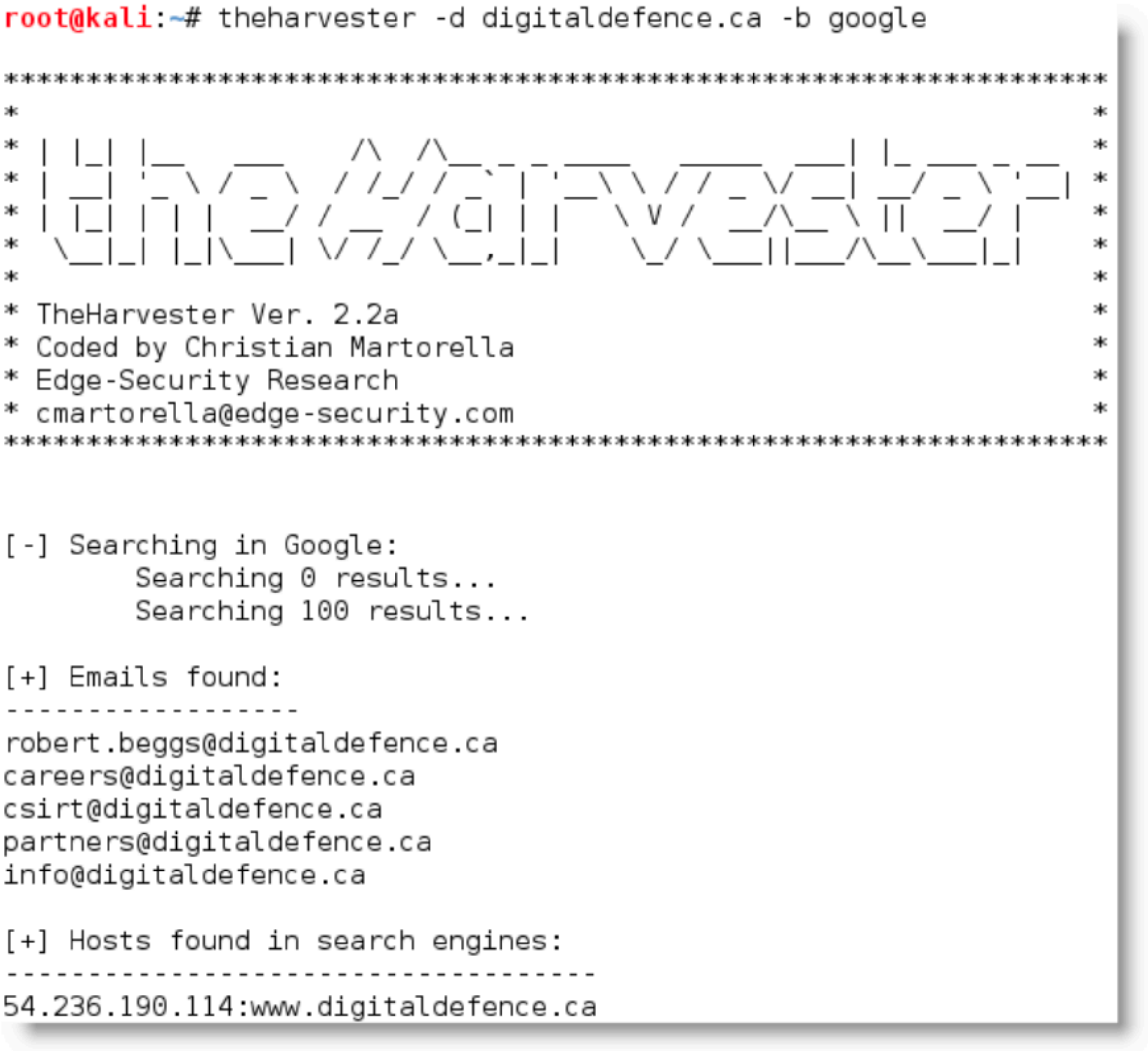
Hint: Gathering names and e-mail addressesThe theharvester tool is a Python script that searches through popular search engines and other sites for e-mail addresses, hosts, and subdomains.Using theharvester is relatively simple as there are only a few command switches to set. The options available are:

- -d: This identifies the domain to be searched; usually the domain or target's website.

- - b: This identifies the source for extracting the data; it must be one of the following:Bing, BingAPI, Google, Google-Profiles, Jigsaw, LinkedIn, People123, PGP, or All

- - l: This limit option instructs theharvester to only harvest data from a specified number of returned search results.

- -f: This option is used to save the final results to an HTML and an XML file. If this option is omitted, the results will be displayed on the screen and  not saved.The following screenshot shows the results of a simple search of the Google indexes for the domain digitaldefence.ca: For example: See EBook: Mastering Kali Linux



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root@kali:~# theharvester -d digitaldefence.ca -b google

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*                                                                 *
* TheHarvester Ver. 2.2a                                          *
* Coded by Christian Martorella                                   *
* Edge-Security Research                                          *
* cmartorella@edge-security.com                                   *
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[-] Searching in Google:
        Searching 0 results...
        Searching 100 results...

[+] Emails found:
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robert.beggs@digitaldefence.ca
careers@digitaldefence.ca
csirt@digitaldefence.ca
partners@digitaldefence.ca
info@digitaldefence.ca

[+] Hosts found in search engines:
------------------------------------
54.236.190.114:www.digitaldefence.ca
```