INFORMATION GATHERING USING THE HARVESTER

Information gathering is often the first step of any penetration test. the Harvester is a very powerful OSINT (Open-Source Intelligence Tool) for finding information on a target URL. It searches multiple sites for information about the target URL and displays all the information it finds. It is particularly useful for finding names of people and their email addresses as well as subdomains of the target site.

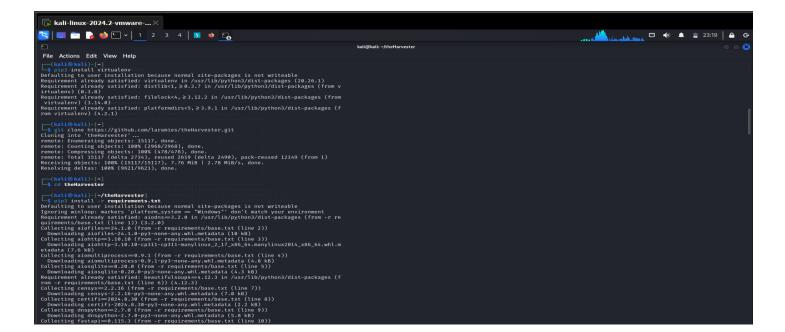
Lab Tool: Kali Linux

STEP 1: Instal python3-pip and virtualny on kali linux using the following command: "sudo apt-get install python3-pip" "sudo pip3 install virtualeny"

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To launch "virtualenv" I typed the command: "vitualenv venv" and also cloning git via https://github.com/laramies/theHarvester.git. Then "cd theHarvester" to enter harvester directory. The following command is typed in order to install pip3 "pip3 install -r requirements.txt"



To use the Harvester.py in kali via user directory I typed "cd /home/kali/the Harvester/ and ./the Harvester.py -v"



Step 2: To start the Harvester I typed this command and also search google for the top 300 result related to hackaday.com "./the Harvester.py -d hackaday.com -I 300 -b google". For this target, we could not find any information on Google. I decided to dig deeper.



Step 3: I decided to gather more information about the target by typing "./theHarvester.py -d hackaday.com -l 300 -b all". The "-b all" means it would search all search engine available to theHarvester for information regarding hackaday.com

