

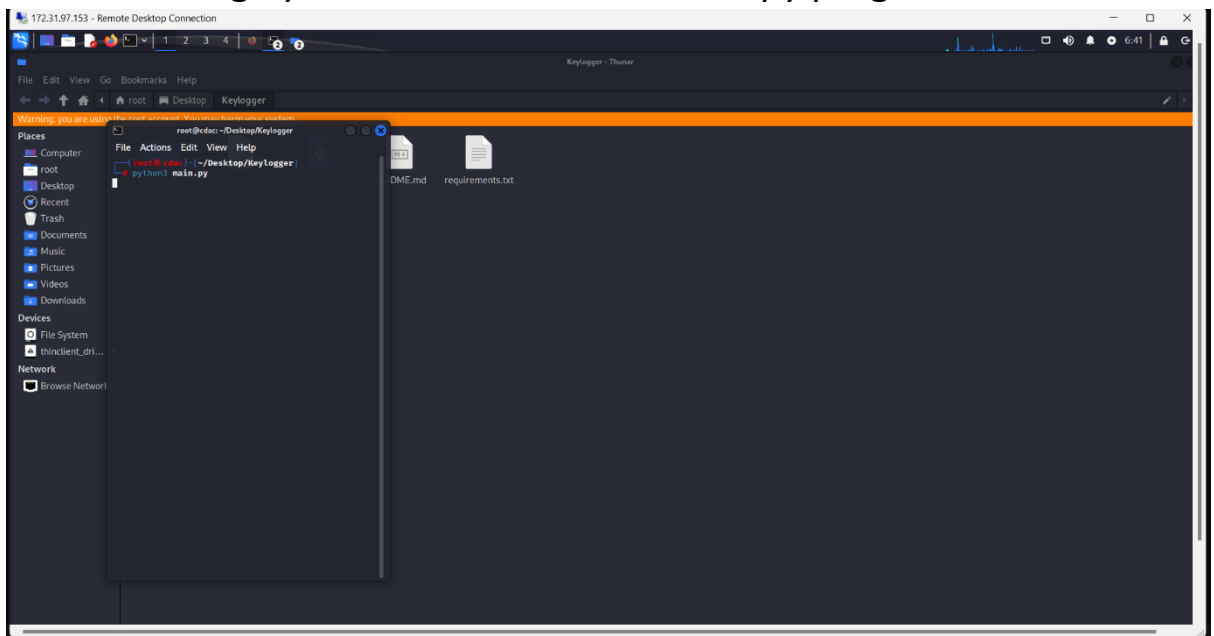
Dinesh Pradhan

Detecting & Preventing Keyloggers

Keylogger a special type of spyware which can records or steals your consecutive keystrokes. It might dangerous not for the hardware or any software, it is dangerous towards our sensitive data. As it takes records or our keystrokes then it records all the sensitive information we entered in website or anywhere in our system.

Let's see how keylogger works,

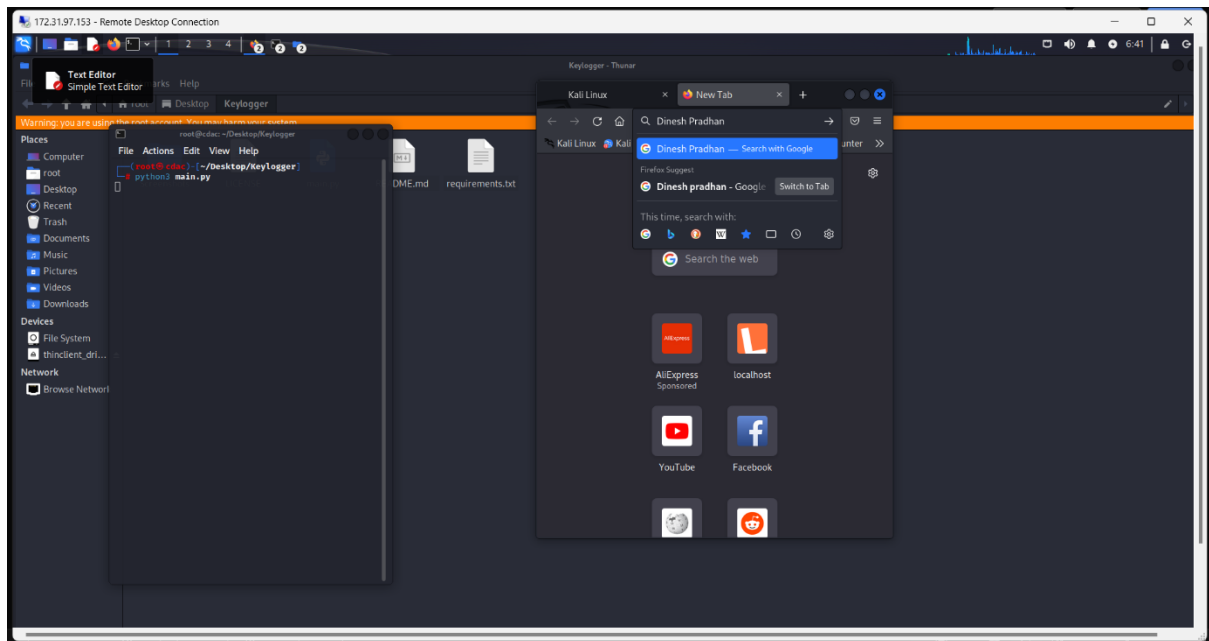
1. In below image you can see there is a main.py program .



That program is acting as spyware which is running in background and take records of keystrokes .

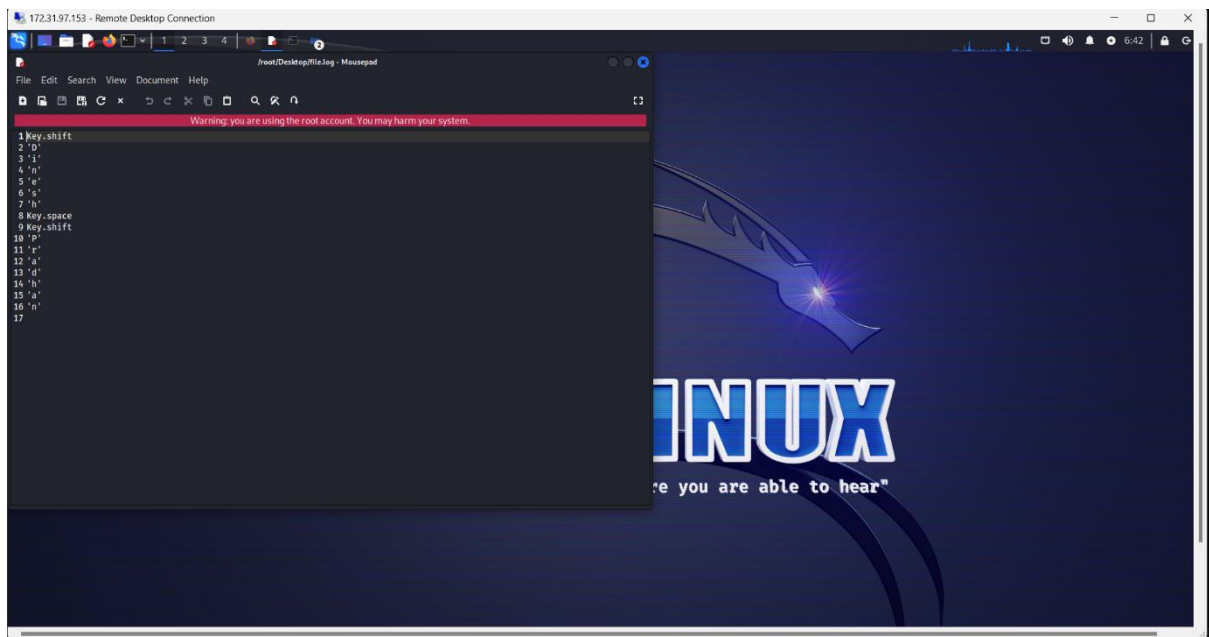
- 2.The recorded key strokes are being stored in a destination file which is in the system .

So, now we see how it works .



In the above image as you can see, I have opened up a browser and keylogger is running in background. I have entered “Dinesh Pradhan” in search bar. (It is being recorded in some file in system.)

In the below image you can see there is a log file which stores all the keystrokes from keyboard .



Like this a attacker can implant a spyware in you system to take record of our keystrokes .

Prevention taken for keylogger:

- 1.We can check the task manager to see whether a unknown process is consuming CPU and memory in background .
2. Uninstall suspicious programs
3. Scan for keylogger using software like ClamAV and ClamTK
- 4.Reset your PC