**Experiment 9: Implementation of IT Audit, malware analysis and Vulnerability assessment and generate the report.**

**Step1:**

**Collection Information about Malware:**

How a malware is collected.

**Step2:**

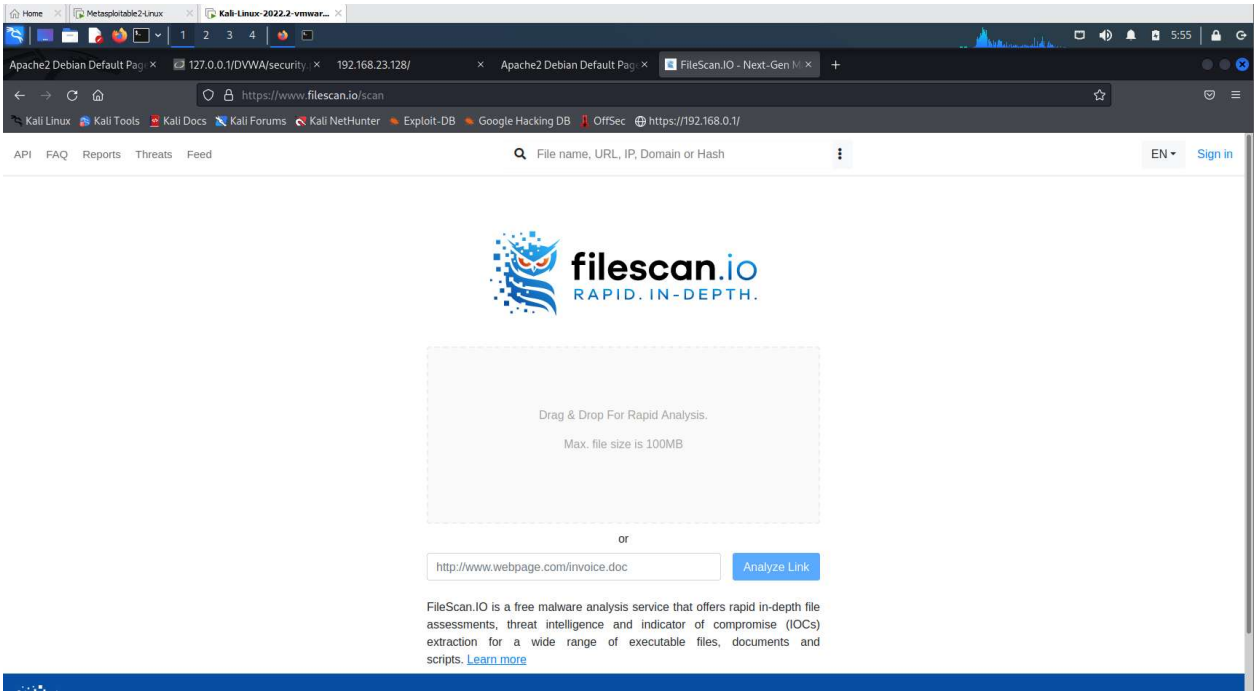
**Basic Information about malware:**

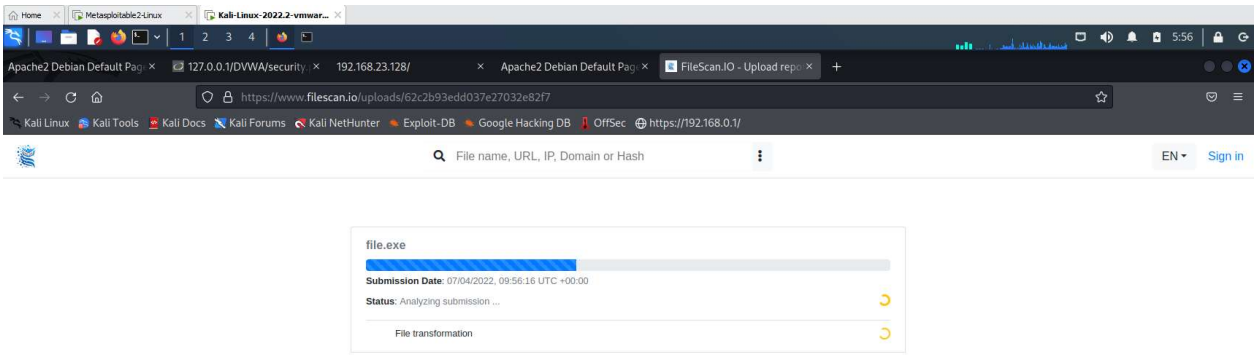
Name: file.exe
Media Type: application/x-msdownload
SHA-256: d01d08621690c1a7a0f41bdd1bb02ec05d418ef68b06cd3cfd54fbb3f58ba80a
Report ID: 37cec6e6-0778-4c35-9cb3-d177c1e6e34a
Submission ID: 62c24f59783441cda10213de
Submission Date: 07/04/2022, 02:24:27

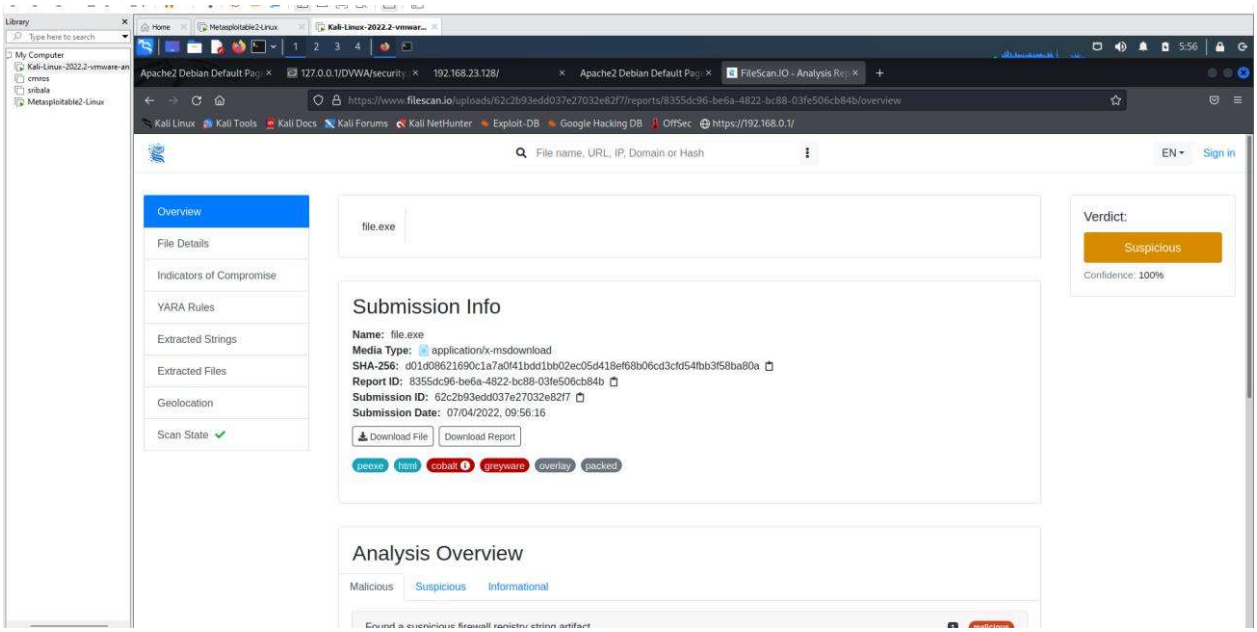
**Step3**:

**Report from filescan.io**

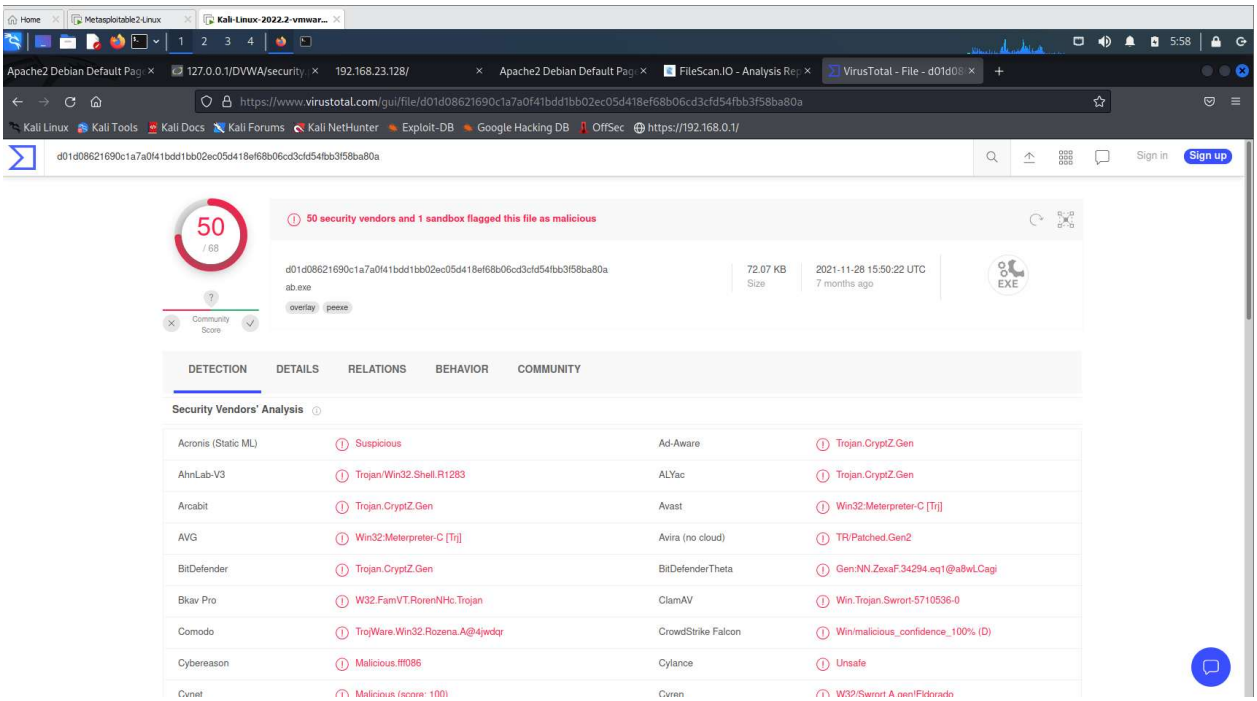
In filescan.io






**Report in virustotal**




Final deduction

Final report.

**IT Audit: Do the port scanning of the computer using nmap/zenmap to identify the open ports and see if services running on those ports are vulnerable or not. Write a report on it. [Note: Clear any firewall rules that you have added by using the command sudo iptables –F]**