

Week 1 Playbook Entry- key terms and concepts related to cybersecurity.

Summary

Hacker- Cybercriminal who uses his cyber security skills to perform malicious and unauthorized activities.

Malware- Malicious software that does harmful things or performs malicious actions on computers.

Key Takeaways

- Malware is a type of cyber attack that involves malicious software being installed on a device without the user's knowledge.
- Hacker- A hacker is a threat who exploits vulnerabilities to gain access to networks, data and confidential information.
- Cloud computing- is a way to access computing resources like storage, servers, and software over the internet.

Tools

Virtual Lab

TryHackMe

Lab Summary

Threat Vectors and Attack Surfaces

Goal of this lab was to identify and analyze potential pathways attack vectors that attackers could use to gain access to a system or network by examining all exposed points of entry attack surface allowing for a objective understanding of vulnerabilities and important security measures to serious risks I learned a hacker's point of view is to proactively identify and address weaknesses before a real attack occurs.

Real World Situation

If a company's website is compromised when hackers exploit an unpatched vulnerability in their web application. The attackers leverage phishing emails containing malicious links to deceive employees the threat vector. After the links are clicked, the hackers gain access to sensitive customer data stored on the website taking advantage of the unpatched security flaw of the attack surface.

Questions

What threat vector do cybercriminals most often use?