



CYBERSECURITY TRAINING FOR TEACHERS (CTT)

How to Identify an Attack and Attack Vectors

How to Identify an Attack

For you to identify cyberattacks, look at the following signs:

1. Your computer speed has slowed down significantly
2. Your security software has been disabled or compromised
3. Software or browser add-ons appear that you don't recognize
4. Additional pop-ups are happening
5. Random shutdowns and restarts are happening on your machine

You've lost access to your account

Attack Vectors

An attack vector is a path by which a hacker or a criminal can use to gain unauthorized access to a computer or network server in order to compromise the system. Attack vectors enable hackers to exploit system vulnerabilities, including the human element.

Attack vectors include viruses, e-mail attachments, Web pages, pop-up windows, instant messages, chat rooms, and social engineering. All of these methods involve programming, except social engineering, in which a human operator is fooled into removing or weakening system defenses.