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**Various types of malicious codes**

1. **Worms:**

A computer worm is a type of malware that spreads copies of itself from computer to computer. A worm can replicate itself without any human interaction, and it does not need to attach itself to a software program in order to cause damage.

Working:

Worms can be transmitted via software vulnerabilities or computer worms could arrive as attachments in spam emails or instant messages. Once opened, these files could provide a link to a malicious website or automatically download the computer worm. Once it’s installed, the worm silently goes to work and infects the machine without the user’s knowledge.

Worms can modify and delete files, and they can even inject additional malicious software onto a computer. Sometimes a computer worm’s purpose is only to make copies of itself over and over depleting system resources, such as hard drive space or bandwidth, by overloading a shared network.

1. **Trojan Horse**:

A Trojan horse, or Trojan, is a type of malicious code or software that looks legitimate but can take control of your computer. A Trojan is designed to damage, disrupt, steal, or in general inflict some other harmful action on your data or network.

**Working:**

We might think we have received an email from someone we know and click on what looks like a legitimate attachment. But we have been fooled. The email is from a cybercriminal, and the file you clicked on — and downloaded and opened — has gone on to install malware on your device.

**Types of Trojan malware:**

* **Backdoor Trojan**

This Trojan can create a “backdoor” on your computer. It lets an attacker access your computer and control it. Your data can be downloaded by a third party and stolen. Or more malware can be uploaded to your device.

* **Distributed Denial of Service (DDoS) attack Trojan**

This Trojan performs DDoS attacks. The idea is to take down a network by flooding it with traffic. That traffic comes from your infected computer and others.

* **Downloader Trojan**

This Trojan targets your already-infected computer. It downloads and installs new versions of malicious programs. These can include Trojans and adware.