Trojan horse:

A type of virus that is disguised as a different program that the user wants.

*"It is a harmful piece of software that looks legitimate. Users are typically tricked into loading and executing it on their systems" – Cisco Systems*

Denial of Service attack:

An attack that is designed to prevent the user form accessing computer resources.

ICMP: Sending large volumes of packets to a computer which uses up bandwidth resources

DDoS(Distributed Denial of Service) attack : using multiple computers to send requests to a server and overwhelm it with traffic

Computer virus: a program that can copy itself and infect a computer

Worm: Self replicating virus that sends copies of itself to other computer nodes

Differences:

A worm is a computer virus which sends copies of itself out. It is usually designed to corrupt files and take up bandwidth.

A Trojan doesn’t self-replicate, it infects a computer when run. It then allows unauthorized access to the system.