



Identify, Prevent and Response to Malware

Types of Malware



Virus: Small programs that can negatively affect the health of your computer, causing corruption to systems and/or destroying data.

Worms: Malware that replicates itself amongst a network to infect multiple computers.

Trojan horse: A well-disguised string of code within software or program that when executed causes harmful damage to your computer/system.



Adware: Financially-supported malware that usually presents itself in the form of unwanted advertisements displayed to a user.



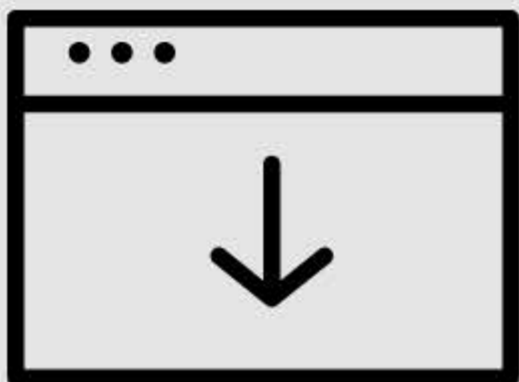
Ransomware: Malware that prevents users from accessing their computers by encrypting files

Spyware: Malware that surreptitiously collects information and transmits it to interested parties. Information gathered includes websites visited, browser, key strokes, and system information and IP address.

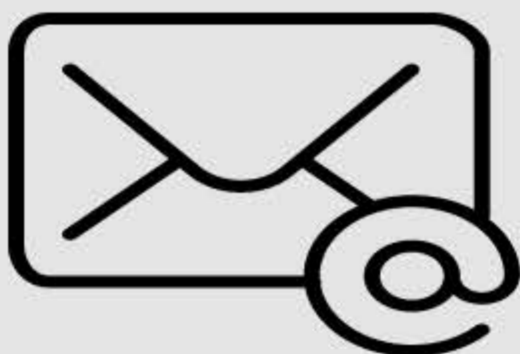


Malware is most commonly acquired through websites or via email.

Attack vectors examples:



While browsing the web, you may come across 'pop-ups' and if you click on the **X** to close the pop-up. You may have actually clicked on embedded malicious code and unknowingly you just allowed malware into your machine.

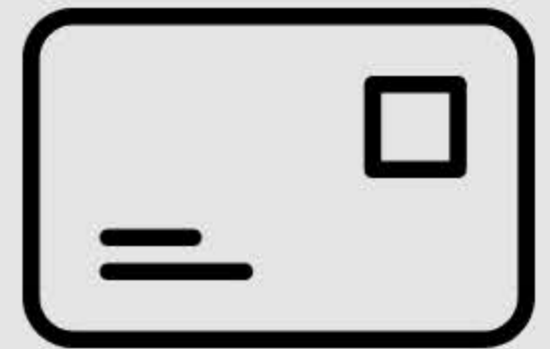


Phishing emails often try to mislead you into clicking on an attached file or on a link within the email, which then initiates the download.

Malware prevention tips:



- Do **NOT** click on links or open attachments from unknown senders.
- Do not "**unsubscribe**" from spam email as this just validates your email address or links may be malicious.
- Access website by entering the URL in the browser rather than clicking on a link itself



- Contact your IT/InfoSec department and immediately delete the message if you come across a malicious email.
- Install an antivirus on your devices it helps protect your computer against most malware.
- Avoid questionable websites.



If you think you have come across something suspicious, please contact your IT/InfoSec department immediately.



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