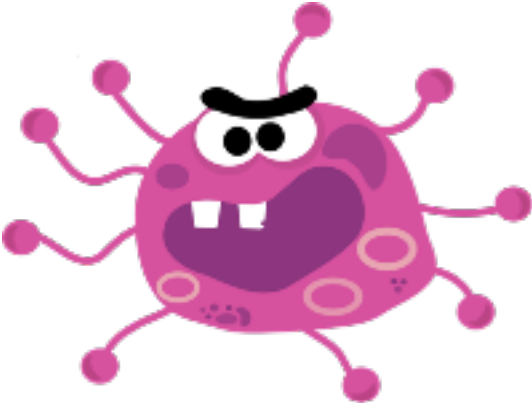


Anatomy of a Virus



A **virus** can be

- a malicious code embedded in an existing program and replicates itself by infecting other programs through the filesystem or the network
- a program that exists by itself and replicates through the filesystem or network

Infection vector

how the virus penetrate
the system



The payload

what the virus does

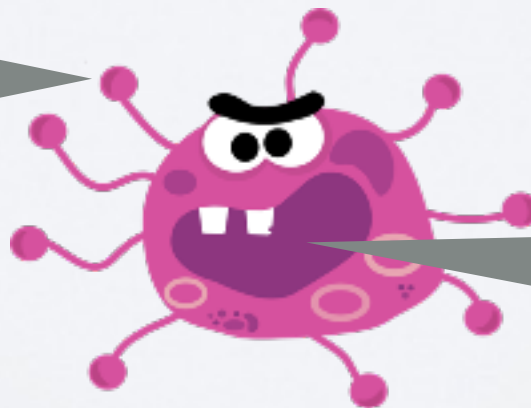
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The payload

what the virus does

Resident vs. Non-resident

Non-resident virus

- ➔ The virus becomes inactive as soon as the infected program terminates

Resident virus

- ➔ The virus remains in memory even after the infected programs terminates