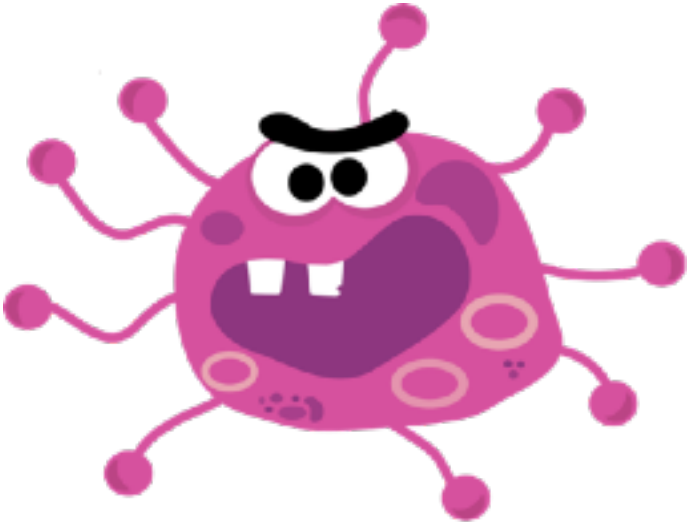


Viruses



➔ 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

Viruses

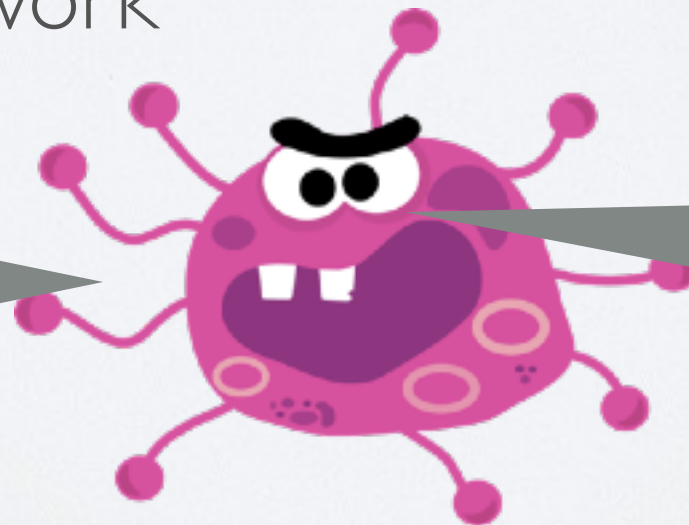
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how the virus penetrate the system



The payload

what the virus does

Worms



A **worm** exploits a security flaw (often of a network service) to infect the machine and replicates itself through the network

- ➔ Very fast infection (does not need the user to be activated)
- ➔ Has a payload as well (more or less harmful)