



# AntiVirus

Cyber Security Foundation Course

A large, irregular watercolor splash in shades of blue, purple, and green, with a textured, painterly appearance. It is positioned on the left side of the slide.

# AGENDA

- Definition
  - How Antivirus Works
  - Antivirus Limitation
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- A series of small, scattered blue and cyan ink splatters and dots along the bottom edge of the slide.

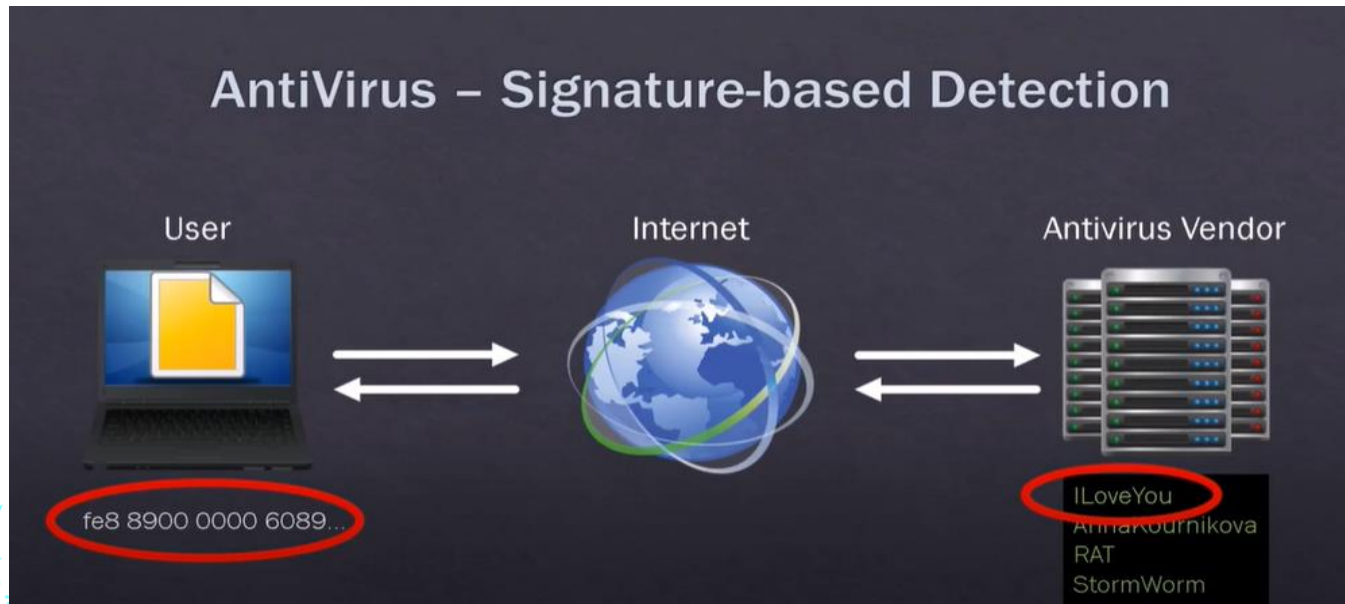
# Antivirus Definition

also known as anti-malware, is A solution that detects and prevent the different types of malware types e.g trojan, Worm, Ransomware, etc.. based on signatures



# How Antivirus Works

The Antivirus is works based on signature databases.  
This signature is files Hash, malware code characters.  
This database is periodically updated by the antivirus vendor.  
The antivirus scan every file on the machine against this database.  
Once file is detected the file will be removed.



# Antivirus Limitation

Easy to bypass by changing the code characters.  
Not dealing with the Zero-day malware



# Thanks!

Any questions?

