



KEYLOGGERS

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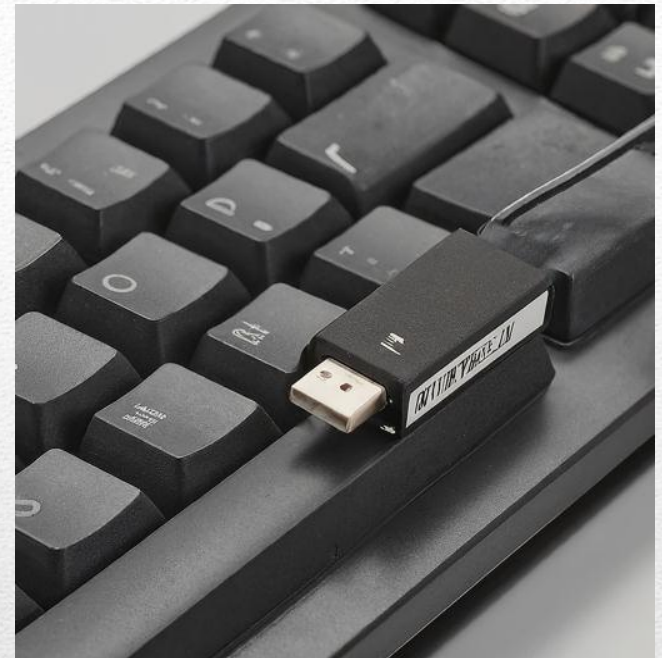
COMPUTER SCIENCE AND ENGINEERING

UNIVERSAL COLLEGE OF ENGINEERING AND TECHNOLOGY

- **Keyloggers:** Malicious programs that record your keystrokes.
- Capture sensitive data like passwords and credit card information.
- Can be installed on your device without your knowledge.

The Silent Thief - Keyloggers

- A software or hardware program that records your keystrokes.
- Captures every key you press, including passwords, credit card numbers, and personal messages.
- Can be installed on your computer without your knowledge.



What is a Keylogger ?

- **Hardware Keyloggers:** Physical devices attached to your USB port or keyboard cable.
- **Software Keyloggers:** Hidden programs installed on your computer.
- **Kernel-mode Keyloggers:** Highly sophisticated programs that operate at the deepest level of your operating system.



Types of Keyloggers

- Phishing emails: Deceptive emails that trick you into clicking on malicious links or downloading infected attachments.
- Malicious downloads: Downloading software or files from untrusted sources.
- Infected websites: Visiting websites compromised by hackers.
- Drive-by downloads: Automatic downloads that occur when you visit a compromised website.



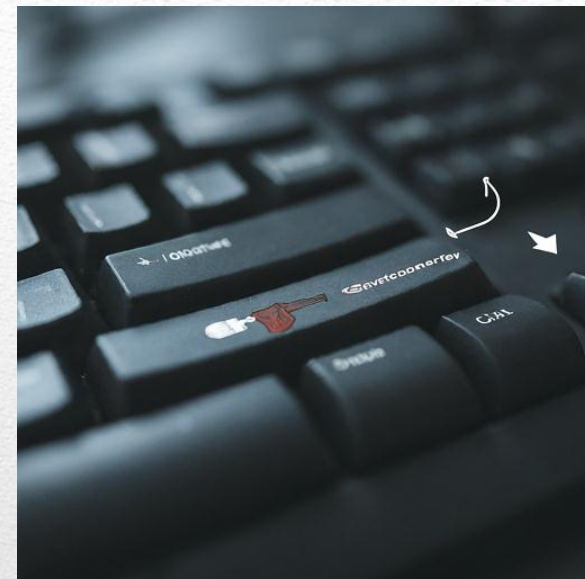
How Do Keyloggers Get Installed?

- Unusual slowdowns or crashes on your computer.
- Unexpected changes in system settings.
- Difficulty logging into accounts.
- Unexplained activity in your online accounts.
- Frequent pop-ups or advertisements.



Signs of a Keylogger Infection

- Monitors keystrokes as you type.
- Captures every key press, including letters, numbers, and special characters.
- Logs the captured data and transmits it to the attacker.



How Keyloggers Work



THANK YOU

