Task-04

"Simple Keylogger

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1. Introduction

- **Welcome to the official documentation for the Keylogger Script — an advanced tool meticulously crafted to record keystrokes, designed for responsible use and user customization.**

2. Features

<mark>Advanced Logging:</mark>

- Records individual keystrokes with precision and accuracy.
- Interactive Permission Module: Seeks explicit user consent for ethical use.

<mark>Flexible Configuration:</mark>

- Empowers users to tailor log file settings to their preferences.
- Efficient Multiprocessing: Implements a streamlined architecture for simultaneous processes.

3. Prerequisites and Installation

Prerequisites:

- **Before utilizing the keylogger script, ensure you have Python installed on your system.**

Installation:

- **Clone or download the script from the GitHub repository link and follow the installation instructions.**

4. Usage Guide

- Upon execution, the script engages users with an interactive permission module, fostering responsible and ethical use.

Configuring Log Settings:

- Users are prompted to define the directory and file name for the log file, providing a tailored logging experience.
- Executing the Keylogger Initiate the keylogger effortlessly, allowing for seamless and discreet keystroke monitoring.
- Terminating the Keylogger Halt the keylogger process gracefully by pressing Ctrl+C, ensuring a smooth user experience.

5. Security and Ethical Considerations

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- **Promoting ethical conduct, the script underscores the importance of responsible use and obtaining explicit consent before deploying on any system.**

6. User Interaction Module

- **The script prioritizes a user-friendly experience with interactive prompts and informative messages throughout the configuration process.**

Sample Output:

```
--- Log File Name ---
Enter the name of the log file (press Enter for default 'keylog.txt'):
Process ID (PID): 6950
Press Ctrl+C to terminate the keylogger.

To kill the keylogger process, use the following command:
kill -15 6950
```

```
 _____  _____  _____  _____
|  _  ||  _  ||  _  ||  _  |
| |_| || |_| || |_| || |_| |
|_____||_____||_____||_____|   KEYLOGGER IS RUNNING

     Keylogger and logging statistics processes started.
To kill the keylogger process, use the command: kill -15 6950
Press Ctrl+C to terminate the logging statistics process.
```

```
Key logged: Key.ctrl
Key logged: 'c'
^CProcess Process-1:

Keylogging process terminated.
Logging statistics process terminated.


      _____/_____
   D'-.        | / )
    '(o)'-.....'(O)' Thank You for using my script Oxploited19
```

6. Acknowledgments

Expressing gratitude for the contributions of external libraries and resources. Acknowledgments recognize the collaborative nature of software development and the importance of community support.

6. CONCLUSION

Summarizing the documentation, the conclusion reiterates the script's commitment to responsible use, ethical conduct, and the empowerment of users. It encourages users to utilize the keylogger script responsibly and ethically, aligning with legal standards and privacy norms.

Legal Disclaimer:

Reiterating the script's commitment to responsible use, ethical conduct, and compliance with legal standards. The legal disclaimer encourages users to review and abide by the provided guidelines, ensuring a transparent and lawful usage context.