

The NeoPy project was my first idea and project with the Python programming language, and I gained a lot of experience while writing this program.

The idea of this project was for me, but to implement some parts, I had to search a lot on the Internet and watch many training videos.

The purpose of this program was to create a remote connection between two computer systems through local or global networks. A client-server connection where the server has one-way access to the client and can perform the following tasks:

- Command shell access to the client system
- Obtaining technical and software information, Wi-Fi, installed programs, system drives, etc. in the client system and sending it to the server
- Shut down, restart or log off the target system
- Listening and recording the microphone, camera and screen of the target system online or saving and sending it to the server
- Changing the wallpaper and putting the desired picture, showing the message, playing the sound on the target

system, recording the server microphone and playing it on the target system.

-Upload the desired file to the target system or download the file from the target system etc.

This project was supposed to have two versions:

NeoPy Light

NeoPy Dark

Well, the NeoPy Light version was supposed to be available to the public and have a graphical interface, and this version itself was supposed to have two versions: 1- the free version with incomplete features 2- the paid version with full features

The difference between the Light version and the Dark version was that in the Light version, the program has a graphical interface for both users who want to connect their systems, and both sides are aware of each other's work, and every file that passes through the network between these two systems and It can be displayed and saved for users

The purpose of the Light version was to present the program and package to its users in the form of an installation and application file that would be useful.

But the Dark version of this program had more aspects of hacking and exploiting. It means that the user who we implemented this program in his system was not supposed to know about the existence of such a program in his system. It was a type of Rat with high capabilities.

Also, this service was supposed to be provided for money and only for people who need this type of program or hackers

This version did not have a graphical interface, unless the buyer requested to make a graphical interface for it.

This version was supposed to have only two files

One is the NeoCP file that should be run on the internal system or server and the other is the NeoTP file that should be run on the target system

Also, this version was supposed to have additional features, including the following:

- Activate the virus on the target system
- Activate the advanced virus on the target system
- Activate the ransomware
- Activate Keylogger

This version was supposed to be designed in such a way that it would not be deleted from the target system in any way, even if the user knew about the existence of this file and deleted it, the same file would be created again in another path of the system, unless the user wanted to. The file will be automatically deleted from the target system and no trace of it will be left.

This project was tested on Windows 10 and Windows 7 both in the local network and in the global network using a virtual server up to the stages that were programmed and it worked correctly, but on Windows 11 in the OS System and Drive Information sections and some. The other part had bugs due to increasing the security level of Windows 11 command prompt, but there were ways to bypass it.

Also, this program was supposed to have an official website with the domain : neopycontroller.com

In my opinion, this project, despite the violations and insecurity and security problems it had, could become an application or a powerful rat, but for some reasons, I did not have time to complete and finish this project, I will upload the source code of this project as far as I have

completed it, but I will not continue this project until later, maybe I will start again and complete it.

If you have an opinion, suggestion or conversation, you can contact me through the following Gmail:

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