Team 6

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All the resources <u>here</u>

https://github.com/gogofady/Remote-Command-Execution-Server

Remote Command Execution Server With PAP protocol

PAP protocol

 Initial server (local host with port 12345) using TCP IP with python

With database to store credentials from user (username & password) without encryption or hashing (applying APA)

 initial client with python to connect to server (local host with port 12345)

```
import socket # To create a TCP/IP client socket

# Step 1: Collect user credentials
username = input("Enter your username: ") # Prompt for username

password = input("Enter your password: ") # Prompt for password

# Step 2: Set up the client connection
client = socket.socket(socket.AF_INET, socket.SOCK_STREAM) # Create a TCP/IP socket
client.connect(('localhost', 12345)) # Connect to the server at localhost:12345

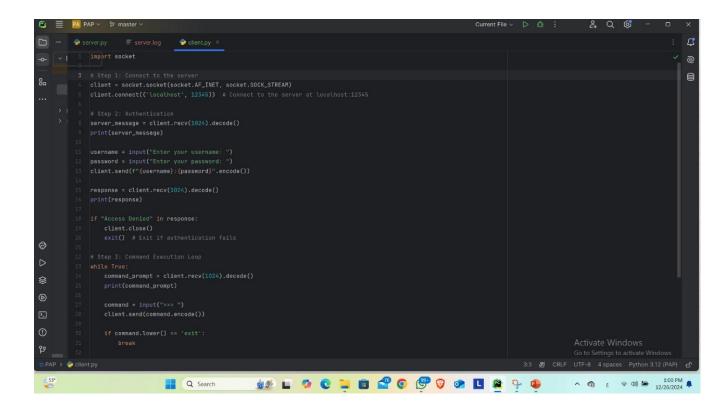
# Step 3: Send the credentials to the server
credentials = f"(username):{password}" # Format credentials as username:password
client.send(credentials.encode()) # Send the credentials to the server

# Step 4: Receive the server's response
response = client.recv(1024).decode() # Receive the server's response
print(response) # Print the response

# Step 5: Close the connection
client.close()
```

Integrated with C2 service

• Client:



Server with python integrated with C2 service

```
import socket

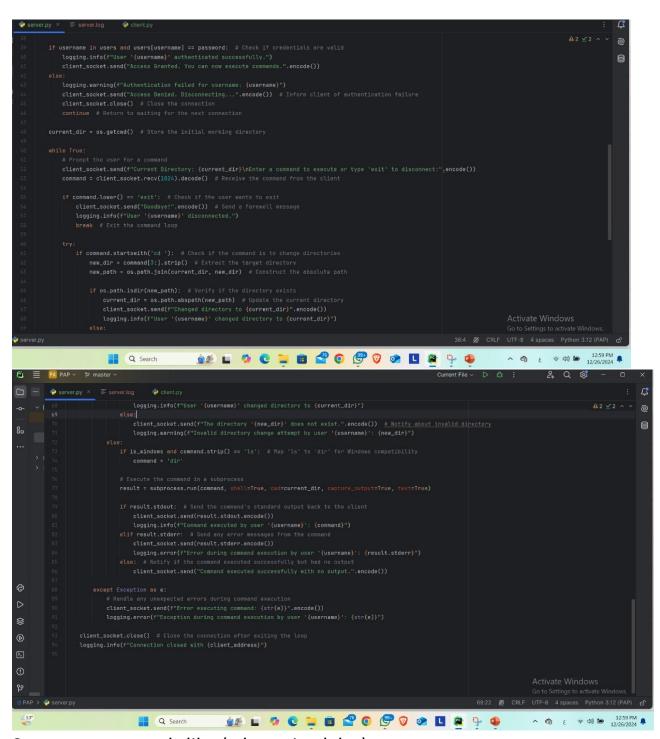
import indeprocess

import of

import of

import logging flatforms

import loggin
```



Support commands like (whoami ,cd, ls,)

• All logs recording on server.log file

