

```
Microsoft Windows [Version 10.0.19045.6159]  
(c) Microsoft Corporation. All rights reserved.
```

```
C:\WINDOWS\system32>cd C:\Users\ADMIN\Desktop
```

```
C:\Users\ADMIN\Desktop>python snifer.py
```

```
Starting network sniffer...
```

```
[+] IP Packet: 192.168.234.144 -> 239.255.255.250 | Protocol: 17  
[.] UDP Packet: Port 35475 -> 15600  
[.] Payload: b'SEARCH BSDP/0.1\nDEVICE=0\nSERVICE=1\n'...  
[+] IP Packet: 192.168.234.144 -> 192.168.234.255 | Protocol: 17  
[.] UDP Packet: Port 60617 -> 15600  
[.] Payload: b'SEARCH BSDP/0.1\nDEVICE=0\nSERVICE=1\n'...  
[+] IP Packet: 192.168.234.144 -> 239.255.255.250 | Protocol: 17  
[.] UDP Packet: Port 37213 -> 15600  
[.] Payload: b'SEARCH BSDP/0.1\nDEVICE=0\nSERVICE=1\n'...  
[+] IP Packet: 192.168.234.144 -> 192.168.234.255 | Protocol: 17  
[.] UDP Packet: Port 43289 -> 15600  
[.] Payload: b'SEARCH BSDP/0.1\nDEVICE=0\nSERVICE=1\n'...  
[+] IP Packet: 192.168.234.144 -> 239.255.255.250 | Protocol: 17  
[.] UDP Packet: Port 57630 -> 15600  
[.] Payload: b'SEARCH BSDP/0.1\nDEVICE=0\nSERVICE=1\n'...  
[+] IP Packet: 192.168.234.144 -> 192.168.234.255 | Protocol: 17  
[.] UDP Packet: Port 34152 -> 15600  
[.] Payload: b'SEARCH BSDP/0.1\nDEVICE=0\nSERVICE=1\n'...  
[+] IP Packet: 192.168.234.144 -> 239.255.255.250 | Protocol: 17  
[.] UDP Packet: Port 45874 -> 15600  
[.] Payload: b'SEARCH BSDP/0.1\nDEVICE=0\nSERVICE=1\n'...  
[+] IP Packet: 192.168.234.144 -> 192.168.234.255 | Protocol: 17  
[.] UDP Packet: Port 57823 -> 15600  
[.] Payload: b'SEARCH BSDP/0.1\nDEVICE=0\nSERVICE=1\n'...  
[+] IP Packet: 192.168.234.144 -> 239.255.255.250 | Protocol: 17  
[.] UDP Packet: Port 42959 -> 15600  
[.] Payload: b'SEARCH BSDP/0.1\nDEVICE=0\nSERVICE=1\n'...  
[+] IP Packet: 192.168.234.184 -> 192.168.234.76 | Protocol: 17  
[.] UDP Packet: Port 55334 -> 53  
[+] IP Packet: 192.168.234.184 -> 192.168.234.76 | Protocol: 17  
[.] UDP Packet: Port 61568 -> 53  
[+] IP Packet: 192.168.234.76 -> 192.168.234.184 | Protocol: 17  
[.] UDP Packet: Port 53 -> 55334  
[+] IP Packet: 192.168.234.184 -> 104.114.110.196 | Protocol: 6  
[.] TCP Packet: Port 51911 -> 80
```

```
Administrator: Command Prompt

Microsoft Windows [Version 10.0.19045.6159]
(c) Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>pip install scapy
Defaulting to user installation because normal site-packages is not writeable
Requirement already satisfied: scapy in c:\users\admin\appdata\local\packages\pythonsoftwarefoundation.python.3.12_qbz5n2kfra8p0\localcache\local-packages\python312\site-packages (2.6.1)

[notice] A new release of pip is available: 25.1 -> 25.2
[notice] To update, run: C:\Users\ADMIN\AppData\Local\Microsoft\WindowsApps\PythonSoftwareFoundation.Python.3.12_qbz5n2kfra8p0\python.exe -m pip install --upgrade pip

C:\WINDOWS\system32>C:\Users\ADMIN\AppData\Local\Microsoft\WindowsApps\PythonSoftwareFoundation.Python.3.12_qbz5n2kfra8p0\python.exe -m pip install --upgrade pip
Defaulting to user installation because normal site-packages is not writeable
Requirement already satisfied: pip in c:\users\admin\appdata\local\packages\pythonsoftwarefoundation.python.3.12_qbz5n2kfra8p0\localcache\local-packages\python312\site-packages (25.1)
Collecting pip
  Downloading pip-25.2-py3-none-any.whl.metadata (4.7 kB)
  Downloading pip-25.2-py3-none-any.whl (1.8 MB)
----- 1.8/1.8 MB 192.3 kB/s eta 0:00:00
Installing collected packages: pip
  Attempting uninstall: pip
    Found existing installation: pip 25.1
    Uninstalling pip-25.1:
      Successfully uninstalled pip-25.1
  WARNING: The scripts pip.exe, pip3.12.exe and pip3.exe are installed in 'C:\Users\ADMIN\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.12_qbz5n2kfra8p0\LocalCache\local-packages\Python312\Scripts' which is not on PATH.
  Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.
Successfully installed pip-25.2
```