

UDP Port Scanner

Python script for udp port scanning

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File Actions Edit View Help
GNU nano 8.2 udp_port_scanner.py
import socket

def udp_port_scan(target_ip, start_port, end_port):
    print(f"Scanning {target_ip} for open UDP ports from {start_port} to {end_port}...")
    for port in range(start_port, end_port + 1):
        try:
            sock = socket.socket(socket.AF_INET, socket.SOCK_DGRAM)
            sock.settimeout(1)
            sock.sendto(b"", (target_ip, port))
            data, addr = sock.recvfrom(1024)
            print(f"Port {port} is open")
        except socket.timeout:
            print(f"Port {port} is closed or filtered (no response)")
        except Exception as e:
            print(f"Error on port {port}: {e}")
        finally:
            sock.close()

target_ip = input("Enter the target IP address: ")
start_port = int(input("Enter the start port: "))
end_port = int(input("Enter the end port: "))

udp_port_scan(target_ip, start_port, end_port)
```

Scanning the ports on ip address

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File Actions Edit View Help
$ sudo python3 'udp_port_scanner.py'
[sudo] password for kali:
Enter the target IP address: 192.168.64.7
Enter the start port: 65
Enter the end port: 80
Scanning 192.168.64.7 for open UDP ports from 65 to 80...
Port 65 is closed or filtered (no response)
Port 66 is closed or filtered (no response)
Port 67 is closed or filtered (no response)
Port 68 is closed or filtered (no response)
Port 69 is closed or filtered (no response)
Port 70 is closed or filtered (no response)
Port 71 is closed or filtered (no response)
Port 72 is closed or filtered (no response)
Port 73 is closed or filtered (no response)
Port 74 is closed or filtered (no response)
Port 75 is closed or filtered (no response)
Port 76 is closed or filtered (no response)
Port 77 is closed or filtered (no response)
Port 78 is closed or filtered (no response)
Port 79 is closed or filtered (no response)
Port 80 is closed or filtered (no response)

(kali@kali)~$ sudo nmap -sU -p 75-80 192.168.64.7
Starting Nmap 7.94SVN ( https://nmap.org ) at 2024-12-10 14:03 EST
Nmap scan report for 192.168.64.7
Host is up (0.000042s latency).

PORT      STATE SERVICE
75/udp    closed priv-dial
76/udp    closed deos
77/udp    closed priv-rje
78/udp    closed vettcp
79/udp    closed finger
80/udp    closed http

Nmap done: 1 IP address (1 host up) scanned in 0.25 seconds

(kali@kali)~$
```