

Create and Send TCP Packet using scapy

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File Actions Edit View Help
GNU nano 2.9.3 send_tcp_packet.py
from Scapy.all import IP, TCP, send

def send_tcp_packet(src_ip, dst_ip, src_port, dst_port, payload):
    # Craft the IP layer
    ip_layer = IP(src=src_ip, dst=dst_ip)

    # Craft the TCP layer
    tcp_layer = TCP(sport=src_port, dport=dst_port)

    # Combine the IP and TCP layers and add the payload
    packet = ip_layer / tcp_layer / payload

    # Send the packet
    send(packet)

# Replace these values with your desired values
source_ip = "192.168.100.1" # Kali Linux IP
destination_ip = "192.168.100.4" # Ubuntu IP
source_port = 12345
destination_port = 80
payload = "Hello, World!"

send_tcp_packet(source_ip, destination_ip, source_port, destination_port, payload)
```

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File Actions Edit View Help
(ramya@kali):~$ nano send_tcp_packet.py
(ramya@kali):~$ sudo python3 send_tcp_packet.py
[sudo] password for ramya:
Sent 1 packets.
(ramya@kali):~$ wireshark
** (Wireshark:43463) 01:19:30.313820 [Capture MESSAGE] -- Capture Start ...
** (Wireshark:43463) 01:19:30.361968 [Capture MESSAGE] -- Capture started
** (Wireshark:43463) 01:19:30.361995 [Capture MESSAGE] -- File: /tmp/wireshark_eth0E1F02.pcapng
** (Wireshark:43463) 01:24:57.223316 [Capture MESSAGE] -- Capture Stop ...
** (Wireshark:43463) 01:24:57.266457 [Capture MESSAGE] -- Capture stopped.
** (Wireshark:43463) 01:24:57.266489 [Capture WARNING] ./ui/capture.c:722 -- capture_input_closed():
(ramya@kali):~$
```

