Wireshark

```
C:\Windows\System32>nmap -sS -T4 192.168.31.0/24 -oA nmap_quickscan
Starting Nmap 7.98 ( https://nmap.org ) at 2025-10-20 22:19 +0530
Nmap scan report for XiaoQiang (192.168.31.1)
Host is up (0.0045s latency).
Not shown: 993 closed tcp ports (reset)
PORT     STATE SERVICE
53/tcp   open  domain
80/tcp   open  http
8192/tcp open  sophos
8193/tcp open  sophos
8383/tcp open  m2mservices
8443/tcp open  https-alt
8899/tcp open  ospf-lite
MAC Address: 8C:DE:F9:75:D8:AA (Beijing Xiaomi Mobile Software)

Nmap scan report for 192.168.31.78
Host is up (0.0012s latency).
Not shown: 981 closed tcp ports (reset)
PORT     STATE     SERVICE
25/tcp   filtered  smtp
110/tcp  filtered  pop3
119/tcp  filtered  nntp
125/tcp  filtered  locus-map
135/tcp  open      msrpc
139/tcp  open      netbios-ssn
143/tcp  filtered  imap
445/tcp  open      microsoft-ds
465/tcp  filtered  smtps
548/tcp  filtered  afp
563/tcp  filtered  snews
587/tcp  filtered  submission
800/tcp  filtered  mdbs_daemon
903/tcp  filtered  iss-console-mgr
993/tcp  filtered  imaps
995/tcp  filtered  pop3s
1025/tcp filtered  NFS-or-IIS
1122/tcp filtered  availant-mgr
1433/tcp filtered  ms-sql-s

Nmap done: 256 IP addresses (2 hosts up) scanned in 5.76 seconds

C:\Windows\System32>_
```

Window 1: Capturing from Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

Apply a display filter ... <Ctrl-/>

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000	192.168.31.78	52.98.34.194	TCP	55	45191 → 443 [ACK] Seq=1
2	0.012181	52.98.34.194	192.168.31.78	TCP	66	443 → 45191 [ACK] Seq=1
3	0.861499	XiaomiMobile_75:d8:…	Intel_c2:b5:e1	ARP	42	Who has 192.168.31.78?
4	0.861563	Intel_c2:b5:e1	XiaomiMobile_75:d8:…	ARP	42	192.168.31.78 is at b0:
5	8.532402	192.168.31.78	4.213.25.240	TLSv1.2	96	Application Data
6	8.568639	4.213.25.240	192.168.31.78	TLSv1.2	227	Application Data
7	8.610298	192.168.31.78	4.213.25.240	TCP	54	7102 → 443 [ACK] Seq=43
8	9.063925	192.168.31.1	239.255.255.250	SSDP	434	NOTIFY * HTTP/1.1
9	9.063925	192.168.31.1	239.255.255.250	SSDP	506	NOTIFY * HTTP/1.1
10	9.063925	192.168.31.1	239.255.255.250	SSDP	443	NOTIFY * HTTP/1.1

> Frame 1: Packet, 55 bytes on wire (440 bits), 55
> Ethernet II, Src: Intel_c2:b5:e1 (b0:60:88:c2:b5:
> Internet Protocol Version 4, Src: 192.168.31.78,
> Transmission Control Protocol, Src Port: 45191, D

```
0000  8c de f9 75 d8 aa b0 60   88 c2 b5 e1 08 00 45
0010  00 29 b0 d9 40 00 80 06   00 00 c0 a8 1f 4e 34
0020  22 c2 b0 87 01 bb 33 59   ea 67 bc 7c d8 37 50
0030  00 ff 37 36 00 00 00
```

Wi-Fi: <live capture in progress>   Packets: 39   Profile: Default

Window 2: scan_capture.pcapng

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

ip.addr == 192.168.31.78

No.	Time	Source	Destination	Protocol	Length	Info
87	19.781505	142.251.42.4	192.168.31.78	UDP	72	443 → 53680 Len=26
88	21.220704	192.168.31.78	142.250.183.36	UDP	71	50488 → 443 Len=29
89	21.257563	142.250.183.36	192.168.31.78	UDP	74	443 → 50488 Len=28
90	21.975126	192.168.31.78	20.249.115.164	TLSv1.2	104	Application Data
91	22.336105	192.168.31.78	20.249.115.164	TCP	104	[TCP Retransmission
92	22.435475	20.249.115.164	192.168.31.78	TLSv1.2	93	Application Data
93	22.457276	20.249.115.164	192.168.31.78	TCP	66	[TCP Dup ACK 92#1]
94	22.478022	192.168.31.78	20.249.115.164	TCP	54	39609 → 443 [ACK]
105	23.522295	192.168.31.78	192.168.31.1	DNS	105	Standard query 0x1(
106	23.552598	192.168.31.1	192.168.31.78	DNS	438	Standard query res

> Frame 1: Packet, 55 bytes on wire (440 bits), 55
> Ethernet II, Src: Intel_c2:b5:e1 (b0:60:88:c2:b5:
> Internet Protocol Version 4, Src: 192.168.31.78,
> Transmission Control Protocol, Src Port: 45191, D

```
0000  8c de f9 75 d8 aa b0 60   88 c2 b5 e1 08 00 45
0010  00 29 b0 d9 40 00 80 06   00 00 c0 a8 1f 4e 34
0020  22 c2 b0 87 01 bb 33 59   ea 67 bc 7c d8 37 50
0030  00 ff 37 36 00 00 00
```

scan_capture.pcapng   Packets: 426 · Displayed: 229 (53.8%) · Dropped: 0 (0.0%)   Profile: Default