# Ping

	247 441.168388	10.188.204.9	142.251.41.14	ICMP	98 Echo (ping) request	id=0x9805, seq=46/11776, ttl=64 (reply in 24703)
	247 441.174249	142.251.41.14	10.188.204.9	ICMP	98 Echo (ping) reply	id=0x9805, seq=46/11776, ttl=58 (request in 24702)
-	247 442.173322	10.188.204.9	142.251.41.14	ICMP	98 Echo (ping) request	id=0x9805, seq=47/12032, ttl=64 (reply in 24722)
	247 442.178840	142.251.41.14	10.188.204.9	ICMP	98 Echo (ping) reply	id=0x9805, seq=47/12032, ttl=58 (request in 24721)

- Source IP
  - 142.251.41.14
- Destination IP
  - 10.188.204.9
- Protocol
  - ICMP
- Port
  - NONE

# nslookup

196 400.405902	142.250.65.228	10.188.204.9	TCP	66 443 → 49920 [ACK] Seq=4936 Ack=1087 Win=68864 Len=0 TSval=867387841 TSecr=3010652088
196 400.427608	10.188.204.9	142.250.65.228	TCP	66 49920 → 443 [ACK] Seg=1087 Ack=8790 Win=127168 Len=0 TSval=3010652122 TSecr=867387862

- Source IP
  - 142.250.65.228
- Destination IP
  - 10.188.204.9
- Protocol
  - TCP
- Port
  - 49920
  - 443

## whois

_	109 9.518105	10.188.204.9	66.253.214.16	DNS	65 Standard query 0x3d76 A whois
Ţ	110 9.546317	66.253.214.16	10.188.204.9	DNS	140 Standard query response 0x3d76 No such name A whois SOA a.root-servers.net

- Source IP
  - 66.253.214.16
- Destination IP
  - 10.188.204.9
- Protocol
  - DNS
- Port
  - 53

### NMAP

- 557 749 <b>.</b> 137008	10.188.204.9	142.250.65.228	TCP	78 53130 → 80 [SYN] Seq=0 Win=65535 Len=0 MSS=1460 WS=64 TSval=2788295170 TSecr=0 SACK_PERM=1
557 749.137112	10.188.204.9	142.250.65.228	TCP	78 53131 → 443 [SYN] Seq=0 Win=65535 Len=0 MSS=1460 WS=64 TSval=545933380 TSecr=0 SACK_PERM=1
557 749.303378	142.250.65.228	10.188.204.9	TCP	74 80 → 53130 [SYN, ACK] Seq=0 Ack=1 Win=65535 Len=0 MSS=1412 SACK_PERM=1 TSval=505774825 TSecr=
557 749.303378	142.250.65.228	10.188.204.9	TCP	74 443 → 53131 [SYN, ACK] Seq=0 Ack=1 Win=65535 Len=0 MSS=1412 SACK_PERM=1 TSval=3115343484 TSec

- Source IP
  - 142.250.65.228
- Destination IP
  - 10.188.204.9
- Protocol
  - TCP
- Port(s)
  - 53131
  - 80
  - 443

#### TELNET

917... 1216.101683 213.136.8.188 10.188.204.9 TELNET 1054 Telnet Data ...

- Source IP
  - 213.136.8.188
- Destination IP
  - 10.188.204.9
- Protocol
  - TELNET
- Port
  - SRC: 213
  - DEST: 55217

### **CURL**

986 1519.832468	142.250.81.228	10.188.204.9	TCP	1466 80 → 55257 [ACK] Seq=1 Ack=79 Win=65536 Len=1400 TSval=2909164315 TSecr=1124747590 [TCP segmer
986 1519.832469	142.250.81.228	10.188.204.9	TCP	1466 80 → 55257 [ACK] Seq=1401 Ack=79 Win=65536 Len=1400 TSval=2909164315 TSecr=1124747590 [TCP seg
986 1519.832470	142.250.81.228	10.188.204.9	TCP	1466 80 → 55257 [ACK] Seq=2801 Ack=79 Win=65536 Len=1400 TSval=2909164315 TSecr=1124747590 [TCP seg
986 1519.832471	142.250.81.228	10.188.204.9	TCP	1466 80 → 55257 [PSH, ACK] Seq=4201 Ack=79 Win=65536 Len=1400 TSval=2909164315 TSecr=1124747590 [TC
986 1519.832472	142.250.81.228	10.188.204.9	TCP	1466 80 → 55257 [ACK] Seq=5601 Ack=79 Win=65536 Len=1400 TSval=2909164315 TSecr=1124747590 [TCP seg
986 1519.832473	142.250.81.228	10.188.204.9	TCP	1466 80 → 55257 [ACK] Seq=7001 Ack=79 Win=65536 Len=1400 TSval=2909164315 TSecr=1124747590 [TCP seg
986 1519.832474	142.250.81.228	10.188.204.9	TCP	1466 80 → 55257 [ACK] Seq=8401 Ack=79 Win=65536 Len=1400 TSval=2909164315 TSecr=1124747590 [TCP seg
986 1519.832475	142.250.81.228	10.188.204.9	TCP	1466 80 → 55257 [PSH, ACK] Seq=9801 Ack=79 Win=65536 Len=1400 TSval=2909164315 TSecr=1124747590 [TC
986 1519.832476	142.250.81.228	10.188.204.9	TCP	1466 80 → 55257 [ACK] Seq=11201 Ack=79 Win=65536 Len=1400 TSval=2909164315 TSecr=1124747590 [TCP se
986 1519.832476	142.250.81.228	10.188.204.9	TCP	1466 80 → 55257 [PSH, ACK] Seq=12601 Ack=79 Win=65536 Len=1400 TSval=2909164315 TSecr=1124747590 [T

- Source IP
  - 142.250.81.228
- Destination IP
  - 10.188.204.9
- Protocol
  - TCP
- Port
  - Source
    - 。 80

- Destination
  - o 55257

### **WGET**

168 1717.057485	198.143.164.252	10.188.204.9	TCP	1514 443 → 55300 [ACK] Seq=22775610 Ack=648 Win=31232 Len=1448 TSval=156100017 TSecr=767269385 [TCF
168 1717.057485	198.143.164.252	10.188.204.9	TCP	1514 443 → 55300 [ACK] Seq=22777058 Ack=648 Win=31232 Len=1448 TSval=156100017 TSecr=767269385 [TCF
168 1717.057485	198.143.164.252	10.188.204.9	TCP	1514 443 → 55300 [ACK] Seq=22778506 Ack=648 Win=31232 Len=1448 TSval=156100017 TSecr=767269385 [TCF
168 1717.057486	198.143.164.252	10.188.204.9	TCP	1514 443 → 55300 [ACK] Seq=22779954 Ack=648 Win=31232 Len=1448 TSval=156100017 TSecr=767269385 [TCF
168 1717.057486	198.143.164.252	10.188.204.9	TCP	1514 443 → 55300 [ACK] Seq=22781402 Ack=648 Win=31232 Len=1448 TSval=156100017 TSecr=767269385 [TCF
168 1717.057486	198.143.164.252	10.188.204.9	TCP	1514 443 → 55300 [ACK] Seq=22782850 Ack=648 Win=31232 Len=1448 TSval=156100017 TSecr=767269385 [TCF
168 1717.057487	198.143.164.252	10.188.204.9	TCP	1514 443 → 55300 [ACK] Seq=22784298 Ack=648 Win=31232 Len=1448 TSval=156100017 TSecr=767269385 [TCF
168 1717.057487	198.143.164.252	10.188.204.9	TCP	1514 443 → 55300 [ACK] Seq=22785746 Ack=648 Win=31232 Len=1448 TSval=156100017 TSecr=767269385 [TCF
168 1717.057487	198.143.164.252	10.188.204.9	TCP	1514 443 → 55300 [ACK] Seq=22787194 Ack=648 Win=31232 Len=1448 TSval=156100017 TSecr=767269385 [TCF
168 1717.057488	198.143.164.252	10.188.204.9	TCP	1514 443 → 55300 [ACK] Seq=22788642 Ack=648 Win=31232 Len=1448 TSval=156100017 TSecr=767269385 [TCF
168 1717.057488	198.143.164.252	10.188.204.9	TLSv1	1514 Application Data [TCP segment of a reassembled PDU]

- Source IP
  - 198.143.164.252
- Destination IP
  - 10.188.204.9
- Protocol
  - TCP
- Port
  - Source
    - 。 443
  - Destination
    - o 55300

# TCP 3-way Handshake

1 0.000000	192.168.1.104	216.18.166.136	TCP	74 49859 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1 TSval=305762 TSecr=0
2 0.307187	216.18.166.136	192.168.1.104	TCP	74 80 → 49859 [SYN, ACK] Seq=0 Ack=1 Win=5792 Len=0 MSS=1440 TSval=1315092752 TSecr=305762 WS=512
3 0.307372	192.168.1.104	216.18.166.136	TCP	66 49859 → 80 [ACK] Seq=1 Ack=1 Win=17136 Len=0 TSval=305793 TSecr=1315092752

- Source IP
  - 192.168.1.104
- Destination IP
  - 216.18.166.136
- Protocol
  - TCP
- Port
  - Source
  - o 49859
  - Destination
    - 。 80

### HTTP

12 0.333000 192.168.1.2 192.168.1.1 TCP 1314 HTTP/1.1 200 OK [TCP segment of a reassembled PDU] 13 0.933001 192.168.1.1 192.168.1.2 HTTP 365 [TCP Spurious Retransmission] GET http://www.ups.com/ HTTP/1.1

- Source IP
  - 192.168.1.2
- Destination IP
  - 192.168.1.1
- Protocol
  - TCP & HTTP
- Port
  - Source
  - o 50683
  - Destination
  - 。 80

## HTTPS

3 0.000298760 127.0.0.1	127.0.0.1	TCP	74 60883 → 443 [SYN] Seq=0 Win=43690 Len=0 MSS=65495 SACK_PERM=1 TSval=78771939 TSecr=0 WS=128
4 0.000332608 127.0.0.1	127.0.0.1	TCP	74 443 → 60883 [SYN, ACK] Seq=0 Ack=1 Win=43690 Len=0 MSS=65495 SACK_PERM=1 TSval=78771939 TSecr=
5 0.000367861 127.0.0.1	127.0.0.1	TCP	66 60883 → 443 [ACK] Seg=1 Ack=1 Win=43776 Len=0 TSval=78771939 TSecr=78771939

- Source IP
  - 127.0.0.1
- Destination IP
  - 127.0.0.1
- Protocol
  - TCP
- Port
  - Source
  - 。 60883
  - Destination
    - o 443