

**IL WEBINAR INIZIA TRA QUALCHE MINUTO  
GRAZIE PER AVER SCELTO DI PARTECIPARE**



**MASSIMO  
CHIRIVI**

# **IT SECURITY**

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# **ETHICAL HACKING**

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**APPROFONDIMENTO SUL PROTOCOLLO TCP**



Capturing from eth0

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

ip.addr == 10.10.30.10

No.	Time	Source	Destination	Protocol	Len	Info
78	8.685143144	10.10.30.10	8.8.8.8	DNS	82	Standard query 0x4415 A www.massimochirivi.net
79	8.685196685	10.10.30.10	8.8.8.8	DNS	82	Standard query 0x1818 AAAA www.massimochirivi.net
80	8.709829021	10.10.30.10	8.8.8.8	DNS	98	Standard query response 0x4415 A www.massimochirivi.net A 89.46.109.65
81	8.718778895	10.10.30.10	10.10.30.10	DNS	1	Standard query response 0x1818 AAAA www.massimochirivi.net SOA dns.technorail.com
82	8.719077250	10.10.30.10	89.46.109.65	ICMP	98	Echo (ping) request id=0xf2c2, seq=1/256, ttl=64 (reply in 83)
83	8.739007464	89.46.109.65	10.10.30.10	ICMP	98	Echo (ping) reply id=0xf2c2, seq=1/256, ttl=51 (request in 82)
84	8.740132177	10.10.30.10	8.8.8.8	DNS	85	Standard query 0xf8e3 PTR 65.109.46.89.in-addr.arpa
85	8.767001930	10.10.30.10	10.10.30.10	DNS	1	Standard query response 0xf8e3 PTR 65.109.46.89.in-addr.arpa PTR webx1394.aruba.it
86	8.720270158	10.10.30.10	89.46.109.65	ICMP	98	Echo (ping) request id=0xf2c2, seq=2/512, ttl=64 (reply in 87)
87	8.742201768	89.46.109.65	10.10.30.10	ICMP	98	Echo (ping) reply id=0xf2c2, seq=2/512, ttl=51 (request in 86)
88	8.742894831	10.10.30.10	8.8.8.8	DNS	85	Standard query 0x02e5 PTR 65.109.46.89.in-addr.arpa
89	8.772675342	10.10.30.10	10.10.30.10	DNS	1	Standard query response 0x02e5 PTR 65.109.46.89.in-addr.arpa PTR webx1394.aruba.it
305	39.782972905	10.10.30.10	10.10.30.12	TCP	74	30976 -> 21 [SYN] Seq=0 Win=65535 Len=0 MSS=1460 SACK_PERM TSval=4033046892 TSecr=0 WS=4
306	39.783291779	10.10.30.12	10.10.30.10	TCP	74	21 -> 30976 [SYN, ACK] Seq=0 Ack=1 Win=6192 Len=0 MSS=1460 WS=256 SACK_PERM TSval=11487
307	39.783347688	10.10.30.10	10.10.30.12	TCP	66	30976 -> 21 [ACK] Seq=1 Win=65536 Len=0 TSval=4033046893 TSecr=11487
308	39.796624761	10.10.30.10	10.10.30.10	FTP	93	Response: 220 Microsoft FTP Service
309	39.796709607	10.10.30.10	10.10.30.12	TCP	66	30976 -> 21 [ACK] Seq=1 Ack=20 Win=65536 Len=0 TSval=4033046906 TSecr=11487
308	46.653433549	10.10.30.10	10.10.30.12	FTP	86	Request: USER administrator
309	46.654452297	10.10.30.12	10.10.30.10	FTP	89	Response: 331 Password required
400	46.654476297	10.10.30.10	10.10.30.12	TCP	66	30976 -> 21 [ACK] Seq=21 Ack=51 Win=65536 Len=0 TSval=4033053764 TSecr=12174
403	50.790134469	10.10.30.10	10.10.30.12	FTP	81	Request: PASS Prova123
404	50.801107975	10.10.30.12	10.10.30.10	FTP	87	Response: 230 User logged in.
405	50.801234839	10.10.30.10	10.10.30.12	TCP	66	30976 -> 21 [ACK] Seq=36 Ack=72 Win=65536 Len=0 TSval=4033057911 TSecr=12589
406	50.801373366	10.10.30.10	10.10.30.12	FTP	72	Request: SYST
407	50.801754081	10.10.30.12	10.10.30.10	FTP	82	Response: 215 Windows_NT
408	50.801830849	10.10.30.10	10.10.30.12	FTP	72	Request: FEAT
409	50.802180987	10.10.30.12	10.10.30.10	FTP	1	Response: 211-Extended features supported:
410	50.802101072	10.10.30.12	10.10.30.10	FTP	84	Response: LANG EN
411	50.802121106	10.10.30.10	10.10.30.12	TCP	66	30976 -> 21 [ACK] Seq=48 Ack=140 Win=65536 Len=0 TSval=4033057912 TSecr=12589
412	50.802247297	10.10.30.10	10.10.30.10	FTP	1	Response: AUTH TLS;C,SSL;TLS-P;
413	50.802353909	10.10.30.12	10.10.30.10	FTP	73	Response: HOST
414	50.802366273	10.10.30.10	10.10.30.12	FTP	1	Response: SIZE
415	50.802376779	10.10.30.10	10.10.30.12	TCP	66	30976 -> 21 [ACK] Seq=48 Ack=237 Win=65536 Len=0 TSval=4033057912 TSecr=12589
416	53.861570967	10.10.30.10	10.10.30.12	FTP	72	Request: EPSV
417	53.862465158	10.10.30.12	10.10.30.10	FTP	1	Response: 229 Entering Extended Passive Mode (   49162 )
418	53.862579912	10.10.30.10	10.10.30.12	TCP	74	46444 -> 49162 [SYN] Seq=0 Win=65535 Len=0 MSS=1460 SACK_PERM TSval=4033060972 TSecr=0 W
419	53.900434637	10.10.30.10	10.10.30.12	TCP	66	30976 -> 21 [ACK] Seq=54 Ack=295 Win=65536 Len=0 TSval=4033061016 TSecr=12895
423	54.894250429	10.10.30.10	10.10.30.12	TCP	74	[TCP Retransmission] [TCP Port numbers reused] 46444 -> 49162 [SYN] Seq=0 Win=65535 Len=
426	56.909707107	10.10.30.10	10.10.30.12	TCP	74	[TCP Retransmission] [TCP Port numbers reused] 46444 -> 49162 [SYN] Seq=0 Win=65535 Len=
429	57.166383809	10.10.30.10	10.10.30.12	TCP	74	[TCP Retransmission] [TCP Port numbers reused] 46444 -> 49162 [SYN] Seq=0 Win=65535 Len=
433	89.359165744	10.10.30.10	10.10.30.12	TCP	71	[TCP Retransmission] [TCP Port numbers reused] 46444 -> 49162 [SYN] Seq=0 Win=65535 Len=
438	85.480893041	10.10.30.10	10.10.30.12	TCP	74	[TCP Retransmission] [TCP Port numbers reused] 46444 -> 49162 [SYN] Seq=0 Win=65535 Len=
2109	119.022621168	10.10.30.10	10.10.30.12	TCP	74	[TCP Retransmission] [TCP Port numbers reused] 46444 -> 49162 [SYN] Seq=0 Win=65535 Len=
4117	180.287798222	10.10.30.12	10.10.30.10	TCP	60	21 -> 30976 [RST, ACK] Seq=285 Ack=54 Win=0 Len=0

```

Frame 403: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface eth0
Ethernet II, Src: VMware_s9:ra:d4 (08:0c:29:e9:fa:d4), Dst: \Device\NPF{...}
Internet Protocol Version 4, Src: 10.10.30.10, Dst: 10.10.30.12
Transmission Control Protocol, Src Port: 30976, Dst Port: 21,
  Source Port: 30976
  Destination Port: 21
  [Stream index: 8]
  [Conversation completeness: Incomplete, DATA (15)]
  [TCP Segment Len: 15]
  Sequence Number: 21 (relative sequence number)
  Sequence Number (raw): 1224993202
  Next Sequence Number: 36 (relative sequence number)
  Acknowledgment Number: 51 (relative ack number)
  Acknowledgment number (raw): 1065127023
  1800 ... = Header Length: 32 bytes (8)
  Flags: 0x010 (PSH, ACK)
  Window: 16384
  [Calculated window size: 65536]
  [window size scaling factor: 4]
  Checksum: 0x505f [unverified]
  [Checksum status: unverified]
  Urgent Pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP)
  [Timestamps]
  [SEQ/ACK analysis]
  TCP payload (15 bytes)
File Transfer Protocol (FTP)
  PASS Prova123\r\n
  [Current working directory: ]

```

File Actions Edit View Help

(kali@kali) - [~]

```

$ ping www.massimochirivi.net
PING www.massimochirivi.net (89.46.109.65) 56(84) bytes of data:
64 bytes from webx1394.aruba.it (89.46.109.65): icmp_seq=1 ttl=51 time=20.8 ms
64 bytes from webx1394.aruba.it (89.46.109.65): icmp_seq=2 ttl=51 time=22.0 ms
^C
--- www.massimochirivi.net ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 100lms
rtt min/avg/max/mdev = 20.834/21.393/21.953/0.559 ms

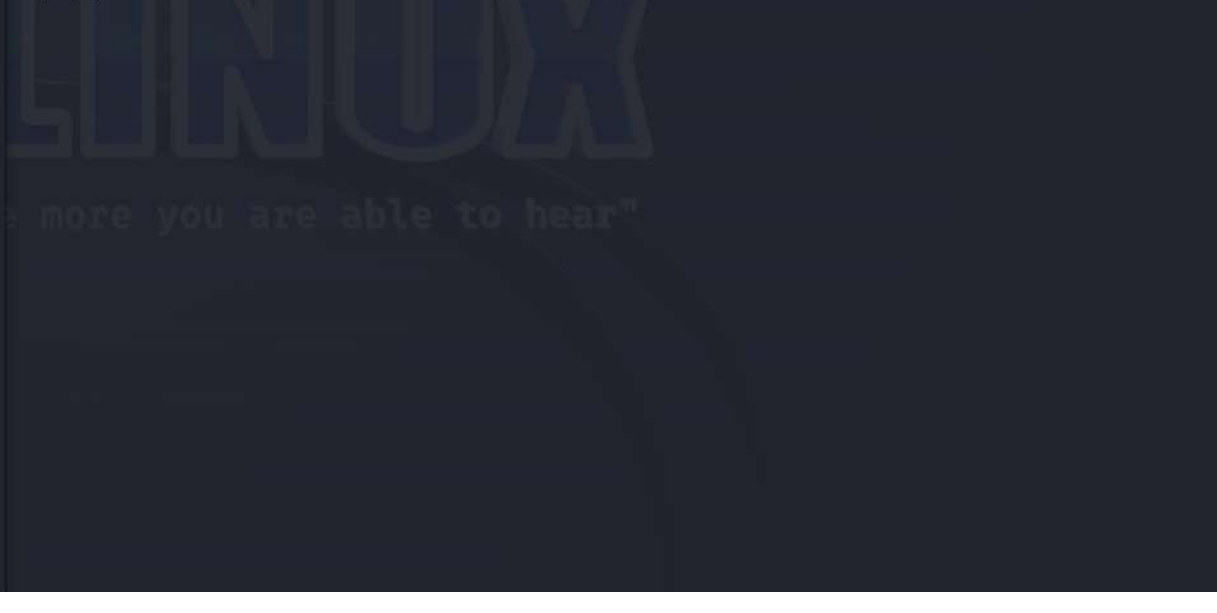
```

(kali@kali) - [~]

```

$ ftp 10.10.30.12
Connected to 10.10.30.12.
220 Microsoft FTP Service
Name (10.10.30.12:kali): administrator
331 Password required
Password:
230 User logged in.
Remote system type is Windows_NT.
ftp> ls
229 Entering Extended Passive Mode (|||49162|)
ls
^C
receive aborted. Waiting for remote to finish abort.
ftp> ]

```





ip.addr == 10.10.30.10



No.	Time	Source	Destination	Protocol	Len	Info
80	8.709829029	8.8.8.8	10.10.30.10	DNS	98	Standard query response 0x4416 A www.massimochirivi.net A 89.46.109.65
81	8.718778895	8.8.8.8	10.10.30.10	DNS	1...	Standard query response 0x1818 AAAA www.massimochirivi.net SOA dns.technorail.com
83	8.739887464	89.46.109.65	10.10.30.10	ICMP	98	Echo (ping) reply id=0xf2c2, seq=1/256, ttl=51 (request in 82)
85	8.767001930	8.8.8.8	10.10.30.10	DNS	1...	Standard query response 0xfe83 PTR 65.109.46.89.in-addr.arpa PTR webx1394.aruba.it
87	9.742201768	89.46.109.65	10.10.30.10	ICMP	98	Echo (ping) reply id=0xf2c2, seq=2/512, ttl=51 (request in 86)
89	9.772675342	8.8.8.8	10.10.30.10	DNS	1...	Standard query response 0x62e5 PTR 65.109.46.89.in-addr.arpa PTR webx1394.aruba.it
386	39.783281770	10.10.30.12	10.10.30.10	TCP	74	21 → 36076 [SYN, ACK] Seq=0 Ack=1 Win=8192 Len=0 MSS=1460 WS=256 SACK_PERM TSval=11487 ...
388	39.796624701	10.10.30.12	10.10.30.10	FTP	93	Response: 220 Microsoft FTP Service
399	46.654452297	10.10.30.12	10.10.30.10	FTP	89	Response: 331 Password required
404	50.801197975	10.10.30.12	10.10.30.10	FTP	87	Response: 230 User logged in.
407	50.801754081	10.10.30.12	10.10.30.10	FTP	82	Response: 215 Windows_NT
409	50.802100987	10.10.30.12	10.10.30.10	FTP	1...	Response: 211-Extended features supported:
410	50.802101072	10.10.30.12	10.10.30.10	FTP	84	Response: LANG EN*
412	50.802247297	10.10.30.12	10.10.30.10	FTP	1...	Response: AUTH TLS;TLS-C;SSL;TLS-P;
413	50.802353990	10.10.30.12	10.10.30.10	FTP	73	Response: HOST
414	50.802368273	10.10.30.12	10.10.30.10	FTP	1...	Response: SIZE
417	53.862465158	10.10.30.12	10.10.30.10	FTP	1...	Response: 229 Entering Extended Passive Mode (   49162 )
4117	180.287798222	10.10.30.12	10.10.30.10	TCP	60	21 → 36076 [RST, ACK] Seq=285 Ack=54 Win=0 Len=0
385	39.782972905	10.10.30.10	10.10.30.12	TCP	74	36076 → 21 [SYN] Seq=0 Win=65535 Len=0 MSS=1460 SACK_PERM TSval=4033046892 TSecr=0 WS=4
387	39.783347688	10.10.30.10	10.10.30.12	TCP	66	36076 → 21 [ACK] Seq=1 Ack=1 Win=65536 Len=0 TSval=4033046893 TSecr=11487
389	39.796709697	10.10.30.10	10.10.30.12	TCP	66	36076 → 21 [ACK] Seq=1 Ack=28 Win=65536 Len=0 TSval=4033046906 TSecr=11487
398	46.653433549	10.10.30.10	10.10.30.12	FTP	86	Request: USER administrator
400	46.654476297	10.10.30.10	10.10.30.12	TCP	66	36076 → 21 [ACK] Seq=21 Ack=51 Win=65536 Len=0 TSval=4033053764 TSecr=12174
403	50.790134469	10.10.30.10	10.10.30.12	FTP	81	Request: PASS Prova123
405	50.801234839	10.10.30.10	10.10.30.12	TCP	66	36076 → 21 [ACK] Seq=36 Ack=72 Win=65536 Len=0 TSval=4033057911 TSecr=12589
406	50.801373366	10.10.30.10	10.10.30.12	FTP	72	Request: SYST
408	50.801830849	10.10.30.10	10.10.30.12	FTP	72	Request: FEAT
411	50.802121106	10.10.30.10	10.10.30.12	TCP	66	36076 → 21 [ACK] Seq=48 Ack=140 Win=65536 Len=0 TSval=4033057912 TSecr=12589
415	50.802376770	10.10.30.10	10.10.30.12	TCP	66	36076 → 21 [ACK] Seq=48 Ack=237 Win=65536 Len=0 TSval=4033057912 TSecr=12589
416	53.861578967	10.10.30.10	10.10.30.12	FTP	72	Request: EPSV
418	53.862579912	10.10.30.10	10.10.30.12	TCP	74	46444 → 49162 [SYN] Seq=0 Win=65535 Len=0 MSS=1460 SACK_PERM TSval=4033060972 TSecr=0 W...
419	53.906434637	10.10.30.10	10.10.30.12	TCP	66	36076 → 21 [ACK] Seq=54 Ack=285 Win=65536 Len=0 TSval=4033061016 TSecr=12895
423	54.894250420	10.10.30.10	10.10.30.12	TCP	74	[TCP Retransmission] [TCP Port numbers reused] 46444 → 49162 [SYN] Seq=0 Win=65535 Len=...



ip.addr == 10.10.30.10

No.	Time	Source	Destination	Protocol
80	8.709829029	8.8.8.8	10.10.30.10	DNS
81	8.718778895	8.8.8.8	10.10.30.10	DNS
83	8.739887464	89.46.109.65	10.10.30.10	ICMP
85	8.767001930	8.8.8.8	10.10.30.10	DNS
87	9.742201768	89.46.109.65	10.10.30.10	ICMP
89	9.772675342	8.8.8.8	10.10.30.10	DNS
386	39.783281770	10.10.30.12	10.10.30.10	TCP
388	39.796624701	10.10.30.12	10.10.30.10	FTP
399	46.654452297	10.10.30.12	10.10.30.10	FTP
404	50.801197975	10.10.30.12	10.10.30.10	FTP
407	50.801754081	10.10.30.12	10.10.30.10	FTP
409	50.802100987	10.10.30.12	10.10.30.10	FTP
410	50.802101072	10.10.30.12	10.10.30.10	FTP
412	50.802247297	10.10.30.12	10.10.30.10	FTP
413	50.802353990	10.10.30.12	10.10.30.10	FTP
414	50.802368273	10.10.30.12	10.10.30.10	FTP
417	53.862465158	10.10.30.12	10.10.30.10	FTP
4117	180.287798222	10.10.30.12	10.10.30.10	TCP
385	39.782972905	10.10.30.10	10.10.30.12	TCP
387	39.783347688	10.10.30.10	10.10.30.12	TCP
389	39.796709697	10.10.30.10	10.10.30.12	TCP
398	46.653433549	10.10.30.10	10.10.30.12	FTP
400	46.654476297	10.10.30.10	10.10.30.12	TCP
403	50.790134469	10.10.30.10	10.10.30.12	FTP
405	50.801234839	10.10.30.10	10.10.30.12	TCP
406	50.801373366	10.10.30.10	10.10.30.12	FTP
408	50.801830849	10.10.30.10	10.10.30.12	FTP
411	50.802121106	10.10.30.10	10.10.30.12	TCP
415	50.802376770	10.10.30.10	10.10.30.12	TCP
416	53.861578967	10.10.30.10	10.10.30.12	FTP
418	53.862579912	10.10.30.10	10.10.30.12	TCP
419	53.906434637	10.10.30.10	10.10.30.12	TCP
423	54.894250420	10.10.30.10	10.10.30.12	TCP

```

Frame 386: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface eth0, id 0
Ethernet II, Src: VMware_37:97:da (00:0c:29:37:97:da), Dst: VMware_e9:fa:d4 (00:0c:29:e9:fa:d4)
Internet Protocol Version 4, Src: 10.10.30.12, Dst: 10.10.30.10
Transmission Control Protocol, Src Port: 21, Dst Port: 36076, Seq: 0, Ack: 1, Len: 0
  Source Port: 21
  Destination Port: 36076
  [Stream index: 8]
  [Conversation completeness: Complete, WITH_DATA (47)]
  [TCP Segment Len: 0]
  Sequence Number: 0 (relative sequence number)
  Sequence Number (raw): 1065126972
  [Next Sequence Number: 1 (relative sequence number)]
  Acknowledgment Number: 1 (relative ack number)
  Acknowledgment number (raw): 1224993242
  1810 ... = Header Length: 40 bytes (10)
  Flags: 0x012 (SYN, ACK)
    000 .... = Reserved: Not set
    ...0 .... = Accurate ECN: Not set
    ....0... = Congestion Window Reduced: Not set
    ....0... = ECN-Echo: Not set
    ....0... = Urgent: Not set
    ....0... = Acknowledgment: Set
    ....0... = Push: Not set
    ....0... = Reset: Not set
    ....0... = Syn: Set
    ....0... = Fin: Not set
  [TCP Flags: .....A..S.]
  Window: 8192
  [Calculated window size: 8192]
  Checksum: 0xc57d [unverified]
  [Checksum Status: Unverified]
  Urgent Pointer: 0
  Options: (20 bytes), Maximum segment size, No-Operation (NOP), Window scale, SACK permitted, Timestamps
    TCP Option - Maximum segment size: 1460 bytes
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - Window scale: 8 (multiply by 256)
    TCP Option - SACK permitted
    TCP Option - Timestamps
      Kind: Time Stamp Option (8)
      Length: 10
      Timestamp value: 11487: TSval 11487, TSecr 4033046892
      Timestamp echo reply: 4033046892
  [Timestamps]
  [Time since first frame in this TCP stream: 0.000308865 seconds]
  [Time since previous frame in this TCP stream: 0.000308865 seconds]
  [SEQ/ACK analysis]
  
```

```

0000 00 0c 29 e9 fa d4 00 0c 29 37 97 da 08 00 45 00  ).....)7...E.
0010 00 3c 3c 01 40 00 80 06 6e 91 0a 0a 1e 0c 0a 0a  <<@.....
0020 1e 0a 00 15 8c ec 3f 7c 8c 3c 49 03 e9 da a0 12  .....?|<I.....
0030 20 09 c5 7d 00 00 02 04 05 b4 01 03 03 08 04 02  .....
0040 08 08 00 2c df f8 63 69 6c  .....c il
  
```

il.com  
ruba.it  
ruba.it  
TSval=11487 ...  
TSecr=0 WS=4  
72 TSecr=0 W...  
5  
n=65535 Len=...



ip.addr == 10.10.30.10

No.	Time	Source	Destination	Protocol
80	8.709829029	8.8.8.8	10.10.30.10	DNS
81	8.718778895	8.8.8.8	10.10.30.10	DNS
83	8.739887464	89.46.109.65	10.10.30.10	ICMP
85	8.767001930	8.8.8.8	10.10.30.10	DNS
87	9.742201768	89.46.109.65	10.10.30.10	ICMP
89	9.772675342	8.8.8.8	10.10.30.10	DNS
386	39.783281770	10.10.30.12	10.10.30.10	TCP
388	39.796624701	10.10.30.12	10.10.30.10	FTP
399	46.654452297	10.10.30.12	10.10.30.10	FTP
404	50.801197975	10.10.30.12	10.10.30.10	FTP
407	50.801754081	10.10.30.12	10.10.30.10	FTP
409	50.802100987	10.10.30.12	10.10.30.10	FTP
410	50.802101072	10.10.30.12	10.10.30.10	FTP
412	50.802247297	10.10.30.12	10.10.30.10	FTP
413	50.802353990	10.10.30.12	10.10.30.10	FTP
414	50.802368273	10.10.30.12	10.10.30.10	FTP
417	53.862465158	10.10.30.12	10.10.30.10	FTP
4117	180.287798222	10.10.30.12	10.10.30.10	TCP
385	39.782972905	10.10.30.10	10.10.30.12	TCP
387	39.783347688	10.10.30.10	10.10.30.12	TCP
389	39.796709697	10.10.30.10	10.10.30.12	TCP
398	46.653433549	10.10.30.10	10.10.30.12	FTP
400	46.654476297	10.10.30.10	10.10.30.12	TCP
403	50.790134469	10.10.30.10	10.10.30.12	FTP
405	50.801234839	10.10.30.10	10.10.30.12	TCP
406	50.801373366	10.10.30.10	10.10.30.12	FTP
408	50.801830849	10.10.30.10	10.10.30.12	FTP
411	50.802121106	10.10.30.10	10.10.30.12	TCP
415	50.802376770	10.10.30.10	10.10.30.12	TCP
416	53.861578967	10.10.30.10	10.10.30.12	FTP
418	53.862579912	10.10.30.10	10.10.30.12	TCP
419	53.906434637	10.10.30.10	10.10.30.12	TCP
423	54.894250420	10.10.30.10	10.10.30.12	TCP

Wireshark - Packet 388 - eth0

```

Frame 388: 93 bytes on wire (744 bits), 93 bytes captured (744 bits) on interface eth0, id 0
Ethernet II, Src: VMware_37:97:da (08:0e:29:37:97:da), Dst: VMware_e9:fa:d4 (00:0c:29:e9:fa:d4)
Internet Protocol Version 4, Src: 10.10.30.12, Dst: 10.10.30.10
Transmission Control Protocol, Src Port: 21, Dst Port: 30070, Seq: 1, Ack: 1, Len: 27
  Source Port: 21
  Destination Port: 30070
  [Stream index: 8]
  [Conversation completeness: Complete, WITH DATA (47)]
  [TCP Segment Len: 27]
  Sequence Number: 1 (relative sequence number)
  Sequence Number (raw): 1065126973
  [Next Sequence Number: 28 (relative sequence number)]
  Acknowledgment Number: 1 (relative ack number)
  Acknowledgment number (raw): 1224993242
  1000 .... = Header Length: 32 bytes (8)
  - Flags: 0x018 (PSH, ACK)
    000. .... = Reserved: Not set
    ...0. .... = Accurate ECN: Not set
    ....0... = Congestion Window Reduced: Not set
    ....0.. = ECN-Echo: Not set
    ....0.. = Urgent: Not set
    ....0.. = Acknowledgment: Set
    ....0.. = Push: Set
    ....0.. = Reset: Not set
    ....0.. = Syn: Not set
    ....0.. = Fin: Not set
    [TCP Flags: .....AP...]
  Window: 200
  [Calculated window size: 66560]
  [Window size scaling factor: 256]
  Checksum: 0x7839 [unverified]
  [Checksum Status: Unverified]
  Urgent Pointer: 0
  - Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    - TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    - TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    - TCP Option - Timestamps
      Kind: Time Stamp Option (8)
      Length: 10
      Timestamp value: 11487; TSval 11487, TSecr 4033046893
      Timestamp echo reply: 4033046893
  - [Timestamps]
    [Time since first frame in this TCP stream: 0.013651796 seconds]
    [Time since previous frame in this TCP stream: 0.013277013 seconds]
  - [SEQ/ACK analysis]
    TCP payload (27 bytes)
  - File Transfer Protocol (FTP)
    - 220 Microsoft FTP Service\r\n
      Response code: Service ready for new user (220)
      Response arg: Microsoft FTP Service
    [Current working directory: ]

```

```

0000 00 0c 29 e9 fa d4 00 0c 29 37 97 da 08 00 45 00  ).....)7...E
0010 00 4f 3c 02 40 00 00 06 6e 7d 0a 0a 1e 0c 0a 0a  <@...n].....
0020 1e 0a 06 15 0c ec 3f 7c 8c 3d 49 03 e9 da 00 10  ...?|...I....
0030 01 04 78 39 00 00 01 01 08 0a 00 00 2c df f0 63  ...x9.....,c
0040 69 6d 32 32 30 20 4d 69 63 72 6f 73 6f 66 74 20  in220 M crosoft
0050 46 54 50 20 53 65 72 76 09 63 65 0d 0a          FTP Serv ice:

```

```
Wireshark - Packet 388 - eth0
↳ Frame 388: 93 bytes on wire (744 bits), 93 bytes captured (744 bits) on interface eth0, id 0
↳ Ethernet II, Src: VMware_37:97:da (08:0c:29:37:97:da), Dst: VMware_e9:fa:d4 (08:0c:29:e9:fa:d4)
↳ Internet Protocol Version 4, Src: 10.10.30.12, Dst: 10.10.30.10
↳ Transmission Control Protocol, Src Port: 21, Dst Port: 30076, Seq: 1, Ack: 1, Len: 27
  Source Port: 21
  Destination Port: 30076
  [Stream index: 0]
  [Conversation completeness: Complete, WITH_DATA (47)]
  [TCP Segment Len: 27]
  Sequence Number: 1 (relative sequence number)
  Sequence Number (raw): 1065126978
  [Next Sequence Number: 28 (relative sequence number)]
  Acknowledgment Number: 1 (relative ack number)
  Acknowledgment number (raw): 1224993242
  1096 .... = Header Length: 32 bytes (8)
  - Flags: 0x018 (PSH, ACK)
    000. .... = Reserved: Not set
    ...0 .... = Accurate ECN: Not set
    ....0... = Congestion Window Reduced: Not set
    ....0... = ECN-Echo: Not set
    ....0... = Urgent: Not set
    ....0... = Acknowledgment: Set
    ....1... = Push: Set
    ....0... = Reset: Not set
    ....0... = Syn: Not set
    ....0... = Fin: Not set
  [TCP Flags: .....AP...]
  Window: 260
  [Calculated window size: 66560]
  [Window size scaling factor: 256]
  Checksum: 0x7839 [unverified]
  [Checksum Status: Unverified]
  Urgent Pointer: 0
  - Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    - TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    - TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    - TCP Option - Timestamps
      Kind: Time Stamp Option (8)
      Length: 10
      Timestamp value: 11487; TSval 11487, TSecr 4033946893
      Timestamp echo reply: 4033946893
  - [Timestamps]
    [Time since first frame in this TCP stream: 0.013651796 seconds]
    [Time since previous frame in this TCP stream: 0.013277013 seconds]
  - [SEQ/ACK analysis]
    TCP payload (27 bytes)
  - File Transfer Protocol (FTP)
    - 220 Microsoft FTP Service\r\n
      Response code: Service ready for new user (220)
      Response arg: Microsoft FTP Service
    [Current working directory: ]

0000 08 0c 29 e9 fa d4 00 00 20 37 97 da 08 00 45 00  ...  ).....}7...E
0010 00 4f 3c 02 40 00 00 06 6e 7d ea 0a 1e 0c 0a 0a  -Oc@...n).....
0020 1e 0a 00 15 8c ec 3f 7c 8c 3d 49 03 e9 da 00 18  -.....?]-I.....
0030 01 94 78 39 00 00 01 01 08 0a 00 00 2c df f9 03  -x9.....c
0040 69 6d 32 32 30 20 4d 69 63 72 6f 73 6f 66 74 20  -m220 M!crosoft
0050 48 54 56 20 63 65 72 70 00 63 65 0d 0a  -FTP Service
```







ip.addr == 10.10.30.10

No.	Time	Source	Destination	Protocol	Len	Info
3	2.939153656	10.10.30.10	35.241.9.150	TLSv1.2	1	Application Data
4	2.968284927	35.241.9.150	10.10.30.10	TCP	66	443 → 80254 [ACK] Seq=1 Ack=47 Win=269 Len=0 TSval=3583789786 TSecr=2775264744
5	2.968285164	35.241.9.150	10.10.30.10	TLSv1.2	1	Application Data
6	3.011079659	10.10.30.10	35.241.9.150	TCP	66	80254 → 443 [ACK] Seq=47 Ack=47 Win=501 Len=0 TSval=2775264816 TSecr=3583789786
20	43.203375345	10.10.30.10	10.10.70.17	SNMP	85	get-request 1.3.6.1.2.1.1.5.0
21	43.205217622	10.10.70.17	10.10.30.10	SNMP	99	get-response 1.3.6.1.2.1.1.5.0
22	43.205694843	10.10.30.10	10.10.70.17	SNMP	85	get-request 1.3.6.1.2.1.1.1.0
23	43.207316405	10.10.70.17	10.10.30.10	SNMP	1	get-response 1.3.6.1.2.1.1.1.0
24	43.207815209	10.10.30.10	10.10.70.17	SNMP	85	get-request 1.3.6.1.2.1.1.4.0
25	43.209691320	10.10.70.17	10.10.30.10	SNMP	1	get-response 1.3.6.1.2.1.1.4.0
26	43.210524813	10.10.30.10	10.10.70.17	SNMP	85	get-request 1.3.6.1.2.1.1.6.0
27	43.211672471	10.10.70.17	10.10.30.10	SNMP	92	get-response 1.3.6.1.2.1.1.6.0
28	43.211888795	10.10.30.10	10.10.70.17	SNMP	85	get-request 1.3.6.1.2.1.1.3.0
29	43.213105784	10.10.70.17	10.10.30.10	SNMP	89	get-response 1.3.6.1.2.1.1.3.0
30	43.213400712	10.10.30.10	10.10.70.17	SNMP	86	get-request 1.3.6.1.2.1.25.1.1.0
31	43.214748257	10.10.70.17	10.10.30.10	SNMP	90	get-response 1.3.6.1.2.1.25.1.1.0
32	43.215018251	10.10.30.10	10.10.70.17	SNMP	86	get-request 1.3.6.1.2.1.25.1.2.0
33	43.216214790	10.10.70.17	10.10.30.10	SNMP	97	get-response 1.3.6.1.2.1.25.1.2.0
34	43.216491660	10.10.30.10	10.10.70.17	SNMP	85	get-request 1.3.6.1.2.1.4.1.0
35	43.217660535	10.10.70.17	10.10.30.10	SNMP	86	get-response 1.3.6.1.2.1.4.1.0
36	43.217930773	10.10.30.10	10.10.70.17	SNMP	85	get-request 1.3.6.1.2.1.4.2.0
37	43.219295231	10.10.70.17	10.10.30.10	SNMP	86	get-response 1.3.6.1.2.1.4.2.0
38	43.219567831	10.10.30.10	10.10.70.17	SNMP	85	get-request 1.3.6.1.2.1.6.1.0
39	43.22090277	10.10.70.17	10.10.30.10	SNMP	85	get-response 1.3.6.1.2.1.6.1.0
40	43.22124244	10.10.30.10	10.10.70.17	SNMP	85	get-request 1.3.6.1.2.1.1.1.0
41	43.22232559	10.10.70.17	10.10.30.10	SNMP	99	get-response 1.3.6.1.2.1.1.1.0
42	43.22258269	10.10.30.10	10.10.70.17	SNMP	85	get-request 1.3.6.1.2.1.1.1.0
43	43.22424844	10.10.70.17	10.10.30.10	SNMP	1	get-response 1.3.6.1.2.1.1.1.0
44	43.22491422	10.10.30.10	10.10.70.17	SNMP	85	get-request 1.3.6.1.2.1.1.1.0
45	43.22644811	10.10.70.17	10.10.30.10	SNMP	86	get-response 1.3.6.1.2.1.1.1.0
46	43.22662833	10.10.30.10	10.10.70.17	SNMP	85	get-request 1.3.6.1.2.1.4.2.0
47	43.2278295	10.10.70.17	10.10.30.10	SNMP	86	get-response 1.3.6.1.2.1.4.2.0
48	43.22802533	10.10.30.10	10.10.70.17	SNMP	85	get-request 1.3.6.1.2.1.6.1.0
49	43.22919866	10.10.70.17	10.10.30.10	SNMP	85	get-response 1.3.6.1.2.1.6.1.0
50	43.22948366	10.10.30.10	10.10.70.17	SNMP	85	get-request 1.3.6.1.2.1.1.1.0
51	43.23127266	10.10.70.17	10.10.30.10	SNMP	99	get-response 1.3.6.1.2.1.1.1.0
52	43.23466490	10.10.30.10	10.10.70.17	SNMP	85	get-request 1.3.6.1.2.1.1.1.0
53	43.23628300	10.10.70.17	10.10.30.10	SNMP	99	get-response 1.3.6.1.2.1.1.1.0
54	43.23668259	10.10.30.10	10.10.70.17	SNMP	85	get-request 1.3.6.1.2.1.1.1.0
55	43.23840081	10.10.70.17	10.10.30.10	SNMP	99	get-response 1.3.6.1.2.1.1.1.0
56	43.23903288	10.10.30.10	10.10.70.17	SNMP	85	get-request 1.3.6.1.2.1.1.1.0
57	43.24071344	10.10.70.17	10.10.30.10	SNMP	99	get-response 1.3.6.1.2.1.1.1.0
58	43.24103711	10.10.30.10	10.10.70.17	SNMP	85	get-request 1.3.6.1.2.1.1.1.0
59	43.24258611	10.10.70.17	10.10.30.10	SNMP	99	get-response 1.3.6.1.2.1.1.1.0
60	43.24283095	10.10.30.10	10.10.70.17	SNMP	85	get-request 1.3.6.1.2.1.1.1.0
61	43.24427411	10.10.70.17	10.10.30.10	SNMP	99	get-response 1.3.6.1.2.1.1.1.0
62	43.24447844	10.10.30.10	10.10.70.17	SNMP	85	get-request 1.3.6.1.2.1.1.1.0
63	43.24607021	10.10.70.17	10.10.30.10	SNMP	99	get-response 1.3.6.1.2.1.1.1.0
64	43.24633377	10.10.30.10	10.10.70.17	SNMP	85	get-request 1.3.6.1.2.1.1.1.0
65	43.24787359	10.10.70.17	10.10.30.10	SNMP	99	get-response 1.3.6.1.2.1.1.1.0
66	43.24809300	10.10.30.10	10.10.70.17	SNMP	85	get-request 1.3.6.1.2.1.1.1.0
67	43.24934030	10.10.70.17	10.10.30.10	SNMP	99	get-response 1.3.6.1.2.1.1.1.0
68	43.24950000	10.10.30.10	10.10.70.17	SNMP	1	get-next-request 1.3.6.1.2.1.4.2.1.1.7.10.10.70.0 1.3.6.1.2.1.4.2.1.1.7.10.10.70.0 1.3.6.1.2.1.4.2.1.1.7.10.10.70.0 1.3.6.1.2.1.4.2.1.1.7.10.10.70.0

```

(kali@kali) - [~]
$ snmp-check 10.10.70.17

```

2 packets transmitted, 2 received, 0% packet loss  
rtt min/avg/max/mdev = 20.834/21.393/21.953/0.55

```

Frame 20: 85 bytes on wire (680 bits), 85 bytes captured (680 bits) on interface eth0, id 0
Ethernet II, Src: VMware_e9:fa:d4 (00:0c:29:e9:fa:d4), Dst: VMware_e9:fa:d4 (00:0c:29:e9:fa:d4)
Internet Protocol Version 4, Src: 10.10.30.10, Dst: 10.10.70.17
User Datagram Protocol, Src Port: 48264, Dst Port: 161
Source Port: 48264
Destination Port: 161
Length: 51
Checksum: 0x7873 [unverified]
[Checksum Status: Unverified]
[Stream index: 1]
+ [Timestamps]
UDP payload (43 bytes)
Simple Network Management Protocol
version: version-1 (0)
community: public
- data: get-request (0)
- get-request
  request-id: 1195415695
  error-status: noError (0)
  error-index: 0
  variable-bindings: 1 item
[Response In: 21]

```

File Actions Edit View Help

[\*] Device information:

Wireshark - Packet 21 - eth0

```

+ Frame 21: 99 bytes on wire (792 bits), 99 bytes captured (792 bits) on interface eth0, id 0
+ Ethernet II, Src: VMware_e9:fa:d4 (00:0c:29:e9:fa:d4), Dst: VMware_e9:fa:d4 (00:0c:29:e9:fa:d4)
+ Internet Protocol Version 4, Src: 10.10.70.17, Dst: 10.10.30.10
- User Datagram Protocol, Src Port: 161, Dst Port: 48264
  Source Port: 161
  Destination Port: 48264
  Length: 65
  Checksum: 0x1374 [unverified]
  [Checksum Status: Unverified]
  [Stream index: 1]
+ [Timestamps]
  UDP payload (57 bytes)
- Simple Network Management Protocol
  version: version-1 (0)
  community: public
- data: get-response (2)
  - get-response
    request-id: 1195415695
    error-status: noError (0)
    error-index: 0
    variable-bindings: 1 item
[Response To: 20]
[Time: 0.001842277 seconds]

```

```

0000 00 0c 29 e9 fa d4 00 0c 29 e8 3b 05 08 00 45 00  :.....E
0010 00 55 28 28 40 00 3f 11 9b 41 0a 0a 46 11 0a 06  :U((?? A F
0020 1e 0a 00 a1 bc 88 00 41 13 74 30 37 02 01 00 04  :...A 107
0030 06 70 75 02 6c 09 63 a2 2a 02 04 47 40 98 8f 02  :public @
0040 01 00 02 01 00 30 1c 30 1a 06 08 2b 06 01 02 01  :...0
0050 01 05 00 04 0e 4e 41 53 2d 53 49 4e 4f 4c 4f 47  :...NAS -SINOL
0060 59 2d 32  :Y-2

```

No.	Time	Source	Destination	Protocol	Len	Info
4	3.988653992	10.10.30.9	10.10.30.70	SMB2	4	Encrypted SMB3
5	3.989992981	10.10.30.70	10.10.30.9	SMB2	2	Encrypted SMB3
6	3.990224117	10.10.30.70	10.10.30.9	SMB2	4	Encrypted SMB3
7	3.990320876	10.10.30.9	10.10.30.70	SMB2	2	Encrypted SMB3
8	3.990526950	10.10.30.9	10.10.30.70	SMB2	1	Encrypted SMB3
9	3.990776550	10.10.30.70	10.10.30.9	SMB2	2	Encrypted SMB3
10	3.990955553	10.10.30.9	10.10.30.70	SMB2	4	Encrypted SMB3
11	3.910170469	10.10.30.70	10.10.30.9	SMB2	3	Encrypted SMB3
12	3.910672183	10.10.30.9	10.10.30.70	SMB2	3	Encrypted SMB3
13	3.910850306	10.10.30.70	10.10.30.9	SMB2	3	Encrypted SMB3
14	3.911859706	10.10.30.9	10.10.30.70	SMB2	4	Encrypted SMB3
15	3.912153710	10.10.30.70	10.10.30.9	SMB2	1	Encrypted SMB3
16	3.914949047	10.10.30.9	10.10.30.70	SMB2	3	Encrypted SMB3
17	3.915297840	10.10.30.70	10.10.30.9	SMB2	3	Encrypted SMB3
18	3.915509317	10.10.30.9	10.10.30.70	SMB2	3	Encrypted SMB3
19	3.916187625	10.10.30.70	10.10.30.9	SMB2	1	Encrypted SMB3
20	3.916206103	10.10.30.9	10.10.30.70	TCP	60	49781 → 445 [ACK] Seq=532 Ack=2017 Win=8212 Len=0
21	3.916684317	10.10.30.9	10.10.30.70	SMB2	1	Encrypted SMB3
22	3.916887701	10.10.30.70	10.10.30.9	SMB2	2	Encrypted SMB3
23	3.921170555	10.10.30.70	10.10.30.9	TCP	60	445 → 49779 [ACK] Seq=1 Ack=153 Win=8209 Len=0
24	3.921170816	10.10.30.70	10.10.30.9	SMB2	1	Encrypted SMB3
25	3.932804885	10.10.30.9	10.10.30.70	TCP	60	49780 → 445 [ACK] Seq=641 Ack=641 Win=8208 Len=0
26	3.932805187	10.10.30.9	10.10.30.70	TCP	60	49779 → 445 [ACK] Seq=153 Ack=129 Win=8208 Len=0
27	3.932808422	10.10.30.9	10.10.30.70	TCP	60	49778 → 445 [ACK] Seq=1073 Ack=865 Win=8212 Len=0
28	4.464748727	10.10.30.9	10.10.30.70	SMB2	1	Tree Disconnect Request
29	4.465661727	10.10.30.70	10.10.30.9	SMB2	1	Tree Disconnect Response
30	4.481874875	10.10.30.9	10.10.30.70	TCP	60	49779 → 445 [ACK] Seq=225 Ack=201 Win=8208 Len=0
31	4.984258259	10.10.30.9	10.10.30.70	SMB2	1	Session Setup Request, NTLMSSP_NEGOTIATE
32	4.984845557	10.10.30.70	10.10.30.9	SMB2	3	Session Setup Response, Error: STATUS_MORE_PROCESSING_REQUIRED, NTLMSSP_CHALLENGE
33	4.985307257	10.10.30.9	10.10.30.70	SMB2	6	Session Setup Request, NTLMSSP_AUTH, User: INF120\DHCPSEVER5
34	4.988048069	10.10.30.70	10.10.30.9	SMB2	1	Session Setup Response
35	4.988529835	10.10.30.9	10.10.30.70	SMB2	2	Encrypted SMB3
36	4.989821848	10.10.30.70	10.10.30.9	SMB2	1	Encrypted SMB3
37	4.948337673	10.10.30.9	10.10.30.70	TCP	60	49778 → 445 [ACK] Seq=1967 Ack=1375 Win=8210 Len=0
39	5.831239920	10.10.30.9	10.10.30.70	SMB2	4	Encrypted SMB3
40	5.831945057	10.10.30.70	10.10.30.9	SMB2	1	Encrypted SMB3
41	5.832263790	10.10.30.9	10.10.30.70	TCP	60	49780 → 445 [ACK] Seq=1051 Ack=2433 Win=8212 Len=0
42	5.832570768	10.10.30.9	10.10.30.70	SMB2	1	Encrypted SMB3
43	5.832850386	10.10.30.70	10.10.30.9	SMB2	2	Encrypted SMB3
44	5.833977712	10.10.30.9	10.10.30.70	SMB2	1	Encrypted SMB3
45	5.834199503	10.10.30.70	10.10.30.9	SMB2	1	Encrypted SMB3
46	5.834486887	10.10.30.9	10.10.30.70	SMB2	1	Encrypted SMB3
47	5.834931849	10.10.30.70	10.10.30.9	SMB2	2	Encrypted SMB3
48	5.835431240	10.10.30.9	10.10.30.70	SMB2	1	Encrypted SMB3
49	5.840950749	10.10.30.70	10.10.30.9	SMB2	1	Encrypted SMB3
50	5.841434213	10.10.30.9	10.10.30.70	SMB2	1	Encrypted SMB3
51	5.841530699	10.10.30.70	10.10.30.9	SMB2	2	Encrypted SMB3
52	5.846961362	10.10.30.9	10.10.30.70	SMB2	1	Encrypted SMB3
53	5.847360464	10.10.30.70	10.10.30.9	SMB2	2	Encrypted SMB3
54	5.847572612	10.10.30.9	10.10.30.70	SMB2	4	Encrypted SMB3
55	5.847802545	10.10.30.70	10.10.30.9	SMB2	3	Encrypted SMB3
56	5.848863628	10.10.30.9	10.10.30.70	SMB2	3	Encrypted SMB3
57	5.849305517	10.10.30.70	10.10.30.9	SMB2	3	Encrypted SMB3

```

[*] Device information:
Frame 42: 198 bytes on wire (1584 bits), 198 bytes captured (1584 bits) on interface eth0, id 0
Ethernet II, Src: VMware_6f:61:80 (00:0c:29:6f:61:80), Dst: VMware_0b:c2:75:01:bd:c8 (00:0c:29:6f:61:80)
Internet Protocol Version 4, Src: 10.10.30.9, Dst: 10.10.30.70
Transmission Control Protocol, Src Port: 49781, Dst Port: 445
  Source Port: 49781
  Destination Port: 445
  [Stream index: 2]
  [Conversation completeness: Incomplete (12)]
  [TCP Segment Len: 144]
  Sequence Number: 532 (relative sequence number)
  Sequence Number (raw): 3371261236
  [Next Sequence Number: 676 (relative sequence number)]
  Acknowledgment Number: 2017 (relative ack number)
  Acknowledgment number (raw): 3252842143
  0101 .... = Header Length: 20 bytes (5)
  - Flags: 0x018 (PSH, ACK)
    000. .... = Reserved: Not set
    ...0. .... = Accurate ECN: Not set
    ....0. .... = Congestion Window Reduced: Not set
    ....0. .... = ECN-Echo: Not set
    ....0. .... = Urgent: Not set
    ....1. .... = Acknowledgment: Set
    ....1. .... = Push: Set
    ....0. .... = Reset: Not set
    ....0. .... = Syn: Not set
    ....0. .... = Fin: Not set
  [TCP Flags: .....AP...]
Window: 8212
[Calculated window size: 8212]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x3d54 [unverified]
[Checksum Status: Unverified]
Urgent Pointer: 0
[Timestamps]
[Time since first frame in this TCP stream: 1.923478687 seconds]
0000 00 0c 29 db eb c2 80 0c 29 6f 61 80 00 00 45 02  ...  :[U]P
0010 00 b8 f4 34 a0 00 00 00 b5 a6 0a 0a 1e 09 0a 0a  ...  :A f
0020 1e 46 c2 75 01 bd c8 f1 5d 34 c1 e2 6e 9f 50 18  ...  :U
0030 20 14 3d 54 00 00 00 00 00 8c fd 53 4d 42 af 3b  ...  :T
0040 71 c8 f0 88 a8 02 fd 3d b8 95 28 aa 55 c3 87 50  ...  :q
0050 be d9 1f 41 cb 66 03 00 00 00 00 00 00 58 00  ...  :A f
0060 00 00 00 01 00 09 00 00 00 00 f4 01 00 5c d7  ...  :X
0070 8f a2 8a eb f8 5c a4 0a e3 9a 0c a8 f9 29 c6 c8  ...  :X
0080 db 72 87 eb ec e7 b1 39 ed 02 06 fa 68 57 b7 8f  ...  :9
0090 4d 73 67 00 fe 72 23 59 fc c5 c4 af 2e 29 a6 bd  ...  :Msg (r#Y
00a0 4d a2 1d a3 27 b8 f0 b9 d9 b6 89 99 78 e0 a9 00  ...  :M
00b0 7c 11 f9 55 0c 6d 7d 51 1c c2 56 45 50 bb 3b 40  ...  :U m]Q
00c0 ba e5 8e 6e 77 73  ...  :nms
  
```

File Actions Edit View Help
hali@kali -

**[\*] Device information:**

Wireshark - Packet 42 - eth0

- Frame 42: 198 bytes on wire (1584 bits), 198 bytes captured (1584 bits) on interface eth0, id 0
- Ethernet II, Src: VMware\_6f:61:80 (00:0c:29:6f:61:80), Dst: VMware\_0b:c2:75:01:bd:c8 (00:0c:29:6f:61:80)
- Internet Protocol Version 4, Src: 10.10.30.9, Dst: 10.10.30.70
- Transmission Control Protocol, Src Port: 49781, Dst Port: 445, Seq: 532, Ack: 2017, Len: 144
  - Source Port: 49781
  - Destination Port: 445
  - [Stream index: 2]
  - [Conversation completeness: Incomplete (12)]
  - [TCP Segment Len: 144]
  - Sequence Number: 532 (relative sequence number)
  - Sequence Number (raw): 3371261236
  - [Next Sequence Number: 676 (relative sequence number)]
  - Acknowledgment Number: 2017 (relative ack number)
  - Acknowledgment number (raw): 3252842143
  - 0101 .... = Header Length: 20 bytes (5)
  - Flags: 0x018 (PSH, ACK)
  - 000. .... = Reserved: Not set
  - ...0. .... = Accurate ECN: Not set
  - ....0. .... = Congestion Window Reduced: Not set
  - ....0. .... = ECN-Echo: Not set
  - ....0. .... = Urgent: Not set
  - ....1. .... = Acknowledgment: Set
  - ....1. .... = Push: Set
  - ....0. .... = Reset: Not set
  - ....0. .... = Syn: Not set
  - ....0. .... = Fin: Not set
  - [TCP Flags: .....AP...]
  - Window: 8212
  - [Calculated window size: 8212]
  - [Window size scaling factor: -1 (unknown)]
  - Checksum: 0x3d54 [unverified]
  - [Checksum Status: Unverified]
  - Urgent Pointer: 0
  - [Timestamps]
  - [Time since first frame in this TCP stream: 1.923478687 seconds]

Bytes 6-8: IG bit (eth.src.ip)
▼ Show packet bytes



Recycle Bin



Massimo



share

File Explorer window showing a network share. The address bar displays `\\10.10.30.70\share`. The left sidebar shows 'Network' selected. The main pane displays a list of files and folders:

Name	Date modified	Type	Size
cifrata	11/4/2021 4:02 AM	File folder	
dominio2	10/20/2021 10:29 AM	File folder	
jolly	10/20/2021 10:35 AM	File folder	
kappa98	10/20/2021 10:33 AM	File folder	
New Text Document (2)	2/2/2021 7:13 AM	Text Document	0 KB
New Text Document	2/2/2021 7:20 AM	Text Document	0 KB
pippo	2/2/2021 7:13 AM	Text Document	0 KB
unicredit	11/4/2021 3:58 AM	Text Document	1 KB
pippo	3/9/2023 7:38 AM	File folder	

9 items 1 item selected

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Certificato CompTia PenTest+
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