

## Captura correspondiente al test de clase 25 de noviembre de 2013 16:10 – 16:55

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No.      Time      Source      Destination      Protocol Length Info
  21 3.482362000 192.168.43.62 150.244.214.237  TCP        62      57661 > http [SYN] Seq=0 Win=8192
Len=0 MSS=1460 SACK_PERM=1
Frame 21: 62 bytes on wire (496 bits), 62 bytes captured (496 bits) on interface 0
Ethernet II, Src: IntelCor_94:89:58 (10:0b:a9:94:89:58), Dst: MurataMa_6f:12:7d (20:02:af:6f:12:7d)
Internet Protocol Version 4, Src: 192.168.43.62 (192.168.43.62), Dst: 150.244.214.237 (150.244.214.237)
Transmission Control Protocol, Src Port: 57661 (57661), Dst Port: http (80), Seq: 0, Len: 0
  Source port: 57661 (57661)
  Destination port: http (80)
  [Stream index: 1]
  Sequence number: 0 (relative sequence number)
  Header length: 28 bytes
  Flags: 0x002 (SYN)
  Window size value: 8192
  [Calculated window size: 8192]
  Checksum: 0xaec3 [validation disabled]
  Options: (8 bytes), Maximum segment size, No-Operation (NOP), No-Operation (NOP), SACK permitted
No.      Time      Source      Destination      Protocol Length Info
  22 3.898263000 150.244.214.237 192.168.43.62  TCP        62      http > 57661 [SYN, ACK] Seq=0 Ack=1
Win=65280 Len=0 MSS=1360 SACK_PERM=1
Frame 22: 62 bytes on wire (496 bits), 62 bytes captured (496 bits) on interface 0
Ethernet II, Src: MurataMa_6f:12:7d (20:02:af:6f:12:7d), Dst: IntelCor_94:89:58 (10:0b:a9:94:89:58)
Internet Protocol Version 4, Src: 150.244.214.237 (150.244.214.237), Dst: 192.168.43.62 (192.168.43.62)
Transmission Control Protocol, Src Port: http (80), Dst Port: 57661 (57661), Seq: 0, Ack: 1, Len: 0
  Source port: http (80)
  Destination port: 57661 (57661)
  [Stream index: 1]
  Sequence number: 0 (relative sequence number)
  Acknowledgment number: 1 (relative ack number)
  Header length: 28 bytes
  Flags: 0x012 (SYN, ACK)
  Window size value: 65280
  [Calculated window size: 65280]
  Checksum: 0xe03c [validation disabled]
  Options: (8 bytes), Maximum segment size, No-Operation (NOP), No-Operation (NOP), SACK permitted
  [SEQ/ACK analysis]
No.      Time      Source      Destination      Protocol Length Info
  23 3.898430000 192.168.43.62 150.244.214.237  TCP        54      57661 > http [ACK] Seq=1 Ack=1
Win=17680 Len=0
Frame 23: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface 0
Ethernet II, Src: IntelCor_94:89:58 (10:0b:a9:94:89:58), Dst: MurataMa_6f:12:7d (20:02:af:6f:12:7d)
Internet Protocol Version 4, Src: 192.168.43.62 (192.168.43.62), Dst: 150.244.214.237 (150.244.214.237)
Transmission Control Protocol, Src Port: 57661 (57661), Dst Port: http (80), Seq: 1, Ack: 1, Len: 0
  Source port: 57661 (57661)
  Destination port: http (80)
  [Stream index: 1]
  Sequence number: 1 (relative sequence number)
  Acknowledgment number: 1 (relative ack number)
  Header length: 20 bytes
  Flags: 0x010 (ACK)
  Window size value: 17680
  [Calculated window size: 17680]
  [Window size scaling factor: -2 (no window scaling used)]
  Checksum: 0xc68d [validation disabled]
  [SEQ/ACK analysis]
No.      Time      Source      Destination      Protocol Length Info
  32 7.875352000 192.168.43.62 212.13.197.229  TCP        66      57663 > ftp [SYN] Seq=0 Win=8192
Len=0 MSS=1460 WS=1 SACK_PERM=1
Frame 32: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: IntelCor_94:89:58 (10:0b:a9:94:89:58), Dst: MurataMa_6f:12:7d (20:02:af:6f:12:7d)
Internet Protocol Version 4, Src: 192.168.43.62 (192.168.43.62), Dst: 212.13.197.229 (212.13.197.229)
Transmission Control Protocol, Src Port: 57663 (57663), Dst Port: ftp (21), Seq: 0, Len: 0
  Source port: 57663 (57663)
  Destination port: ftp (21)
  [Stream index: 3]
  Sequence number: 0 (relative sequence number)
  Header length: 32 bytes
  Flags: 0x002 (SYN)
  Window size value: 8192
  [Calculated window size: 8192]
  Checksum: 0x5992 [validation disabled]
  Options: (12 bytes), Maximum segment size, No-Operation (NOP), Window scale, No-Operation (NOP), No-Operation
  flags: 0x012 (SYN, ACK)
  Window size value: 5840
  [Calculated window size: 5840]

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Flags: 0x012 (SYN, ACK)  
Window size value: 5840  
[Calculated window size: 5840]

Options: (12 bytes), Maximum segment size, No-Operation (NOP), No-Operation (NOP), SACK permitted, No-Operation (NOP), Window scale  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
34	7.989769000	192.168.43.62	212.13.197.229	TCP	54	57663 > ftp [ACK] Seq=1 Ack=1 Win=8192 Len=0

Frame 34: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface 0  
Ethernet II, Src: IntelCor\_94:89:58 (10:0b:a9:94:89:58), Dst: MurataMa\_6f:12:7d (20:02:af:6f:12:7d)  
Internet Protocol Version 4, Src: 192.168.43.62 (192.168.43.62), Dst: 212.13.197.229 (212.13.197.229)  
Transmission Control Protocol, Src Port: 57663 (57663), Dst Port: ftp (21), Seq: 1, Ack: 1, Len: 0  
Source port: 57663 (57663)  
Destination port: ftp (21)  
[Stream index: 3]  
Sequence number: 1 (relative sequence number)  
Acknowledgment number: 1 (relative ack number)  
Header length: 20 bytes  
Flags: 0x010 (ACK)  
Window size value: 8192  
[Calculated window size: 8192]  
[Window size scaling factor: 1]  
Checksum: 0x9b83 [validation disabled]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
35	8.239417000	212.13.197.229	192.168.43.62	FTP	121	Response: 220-Welcome, archive user @212-166-142-70.red-acceso.airtel.net !

Frame 35: 121 bytes on wire (968 bits), 121 bytes captured (968 bits) on interface 0  
Ethernet II, Src: MurataMa\_6f:12:7d (20:02:af:6f:12:7d), Dst: IntelCor\_94:89:58 (10:0b:a9:94:89:58)  
Internet Protocol Version 4, Src: 212.13.197.229 (212.13.197.229), Dst: 192.168.43.62 (192.168.43.62)  
Transmission Control Protocol, Src Port: ftp (21), Dst Port: 57663 (57663), Seq: 1, Ack: 1, Len: 67  
Source port: ftp (21)  
Destination port: 57663 (57663)  
[Stream index: 3]  
Sequence number: 1 (relative sequence number)  
[Next sequence number: 68 (relative sequence number)]  
Acknowledgment number: 1 (relative ack number)  
Header length: 20 bytes  
Flags: 0x018 (PSH, ACK)  
Window size value: 92  
[Calculated window size: 5888]  
[Window size scaling factor: FACTOR]  
Checksum: 0x2032 [validation disabled]  
[SEQ/ACK analysis]

File Transfer Protocol (FTP)

No.	Time	Source	Destination	Protocol	Length	Info
36	8.439478000	192.168.43.62	212.13.197.229	TCP	54	57663 > ftp [ACK] Seq=1 Ack=68 Win=8125 Len=0

Frame 36: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface 0  
Ethernet II, Src: IntelCor\_94:89:58 (10:0b:a9:94:89:58), Dst: MurataMa\_6f:12:7d (20:02:af:6f:12:7d)  
Internet Protocol Version 4, Src: 192.168.43.62 (192.168.43.62), Dst: 212.13.197.229 (212.13.197.229)  
Transmission Control Protocol, Src Port: 57663 (57663), Dst Port: ftp (21), Seq: 1, Ack: 68, Len: 0  
Source port: 57663 (57663)  
Destination port: ftp (21)  
[Stream index: 3]  
Sequence number: 1 (relative sequence number)  
Acknowledgment number: 68 (relative ack number)  
Header length: 20 bytes  
Flags: 0x010 (ACK)  
Window size value: 8125  
[Calculated window size: 8125]  
[Window size scaling factor: 1]  
Checksum: 0x9b83 [validation disabled]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
37	8.644724000	212.13.197.229	192.168.43.62	FTP	559	Response: 220-

Frame 37: 559 bytes on wire (4472 bits), 559 bytes captured (4472 bits) on interface 0  
Ethernet II, Src: MurataMa\_6f:12:7d (20:02:af:6f:12:7d), Dst: IntelCor\_94:89:58 (10:0b:a9:94:89:58)  
Internet Protocol Version 4, Src: 212.13.197.229 (212.13.197.229), Dst: 192.168.43.62 (192.168.43.62)  
Transmission Control Protocol, Src Port: ftp (21), Dst Port: 57663 (57663), Seq: SECUENCIA, Ack: 1, Len: 505  
Source port: ftp (21)  
Destination port: 57663 (57663)  
[Stream index: 3]  
Sequence number: 68 (relative sequence number)  
[Next sequence number: 573 (relative sequence number)]  
Acknowledgment number: 1 (relative ack number)

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192.168.43.62 (192.168.43.62), Dst: 212.13.197.229 (212.13.197.229)  
Transmission Control Protocol, Src Port: 57663 (57663), Dst Port: ftp (21), Seq: 1, Ack: 573, Len: 0  
Source port: 57663 (57663)  
Destination port: ftp (21)



[Stream index: 3]  
Sequence number: 1 (relative sequence number)  
Acknowledgment number: 573 (relative ack number)  
Header length: 20 bytes  
Flags: 0x010 (ACK)  
Window size value: 7620  
[Calculated window size: 7620]  
[Window size scaling factor: 1]  
Checksum: 0x9b83 [validation disabled]

No.	Time	Source	Destination	Protocol	Length	Info
62	14.267044000	192.168.43.62	150.244.214.237	TCP	54	57661 > http [FIN, ACK] Seq=1 Ack=1

Win=17680 Len=0

Frame 62: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface 0  
Ethernet II, Src: IntelCor\_94:89:58 (10:0b:a9:94:89:58), Dst: MurataMa\_6f:12:7d (20:02:af:6f:12:7d)  
Internet Protocol Version 4, Src: 192.168.43.62 (192.168.43.62), Dst: 150.244.214.237 (150.244.214.237)  
Transmission Control Protocol, Src Port: 57661 (57661), Dst Port: http (80), Seq: 1, Ack: 1, Len: 0

Source port: 57661 (57661)  
Destination port: http (80)  
[Stream index: 1]  
Sequence number: 1 (relative sequence number)  
Acknowledgment number: 1 (relative ack number)  
Header length: 20 bytes  
Flags: 0x011 (FIN, ACK)  
Window size value: 17680  
[Calculated window size: 17680]  
[Window size scaling factor: -2 (no window scaling used)]  
Checksum: 0xc68c [validation disabled]

No.	Time	Source	Destination	Protocol	Length	Info
63	15.499288000	192.168.43.62	150.244.214.237	TCP	54	57661 > http [FIN, ACK] Seq=1 Ack=1

Win=17680 Len=0

Frame 63: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface 0  
Ethernet II, Src: IntelCor\_94:89:58 (10:0b:a9:94:89:58), Dst: MurataMa\_6f:12:7d (20:02:af:6f:12:7d)  
Internet Protocol Version 4, Src: 192.168.43.62 (192.168.43.62), Dst: 150.244.214.237 (150.244.214.237)  
Transmission Control Protocol, Src Port: 57661 (57661), Dst Port: http (80), Seq: 1, Ack: 1, Len: 0

Source port: 57661 (57661)  
Destination port: http (80)  
[Stream index: 1]  
Sequence number: 1 (relative sequence number)  
Acknowledgment number: 1 (relative ack number)  
Header length: 20 bytes  
Flags: 0x011 (FIN, ACK)  
Window size value: 17680  
[Calculated window size: 17680]  
[Window size scaling factor: -2 (no window scaling used)]  
Checksum: 0xc68c [validation disabled]

No.	Time	Source	Destination	Protocol	Length	Info
64	17.144533000	192.168.43.62	212.13.197.229	FTP	61	Request: USER

Frame 64: 61 bytes on wire (488 bits), 61 bytes captured (488 bits) on interface 0  
Ethernet II, Src: IntelCor\_94:89:58 (10:0b:a9:94:89:58), Dst: MurataMa\_6f:12:7d (20:02:af:6f:12:7d)  
Internet Protocol Version 4, Src: 192.168.43.62 (192.168.43.62), Dst: 212.13.197.229 (212.13.197.229)  
Transmission Control Protocol, Src Port: 57663 (57663), Dst Port: ftp (21), Seq: 1, Ack: ASENTIMIENTO, Len: 7

Source port: 57663 (57663)  
Destination port: ftp (21)  
[Stream index: 3]  
Sequence number: 1 (relative sequence number)  
[Next sequence number: 8 (relative sequence number)]  
Acknowledgment number: 573 (relative ack number)  
Header length: 20 bytes  
Flags: 0x018 (PSH, ACK)  
Window size value: 7620  
[Calculated window size: 7620]  
[Window size scaling factor: 1]  
Checksum: 0xd6c1 [validation disabled]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
65	17.479235000	192.168.43.62	212.13.197.229	FTP	61	[TCP Retransmission] Request: USER

Frame 65: 61 bytes on wire (488 bits), 61 bytes captured (488 bits) on interface 0  
Ethernet II, Src: IntelCor\_94:89:58 (10:0b:a9:94:89:58), Dst: MurataMa\_6f:12:7d (20:02:af:6f:12:7d)  
Internet Protocol Version 4, Src: 192.168.43.62 (192.168.43.62), Dst: 212.13.197.229 (212.13.197.229)  
Transmission Control Protocol, Src Port: 57663 (57663), Dst Port: ftp (21), Seq: 1, Ack: ASENTIMIENTO, Len: 7

Source port: 57663 (57663)  
Destination port: ftp (21)  
[Stream index: 3]

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5), 54 bytes captured (432 bits) on interface 0

Ethernet II, Src: MurataMa\_6f:12:7d (20:02:af:6f:12:7d), Dst: IntelCor\_94:89:58 (10:0b:a9:94:89:58)  
Internet Protocol Version 4, Src: 212.13.197.229 (212.13.197.229), Dst: 192.168.43.62 (192.168.43.62)  
Transmission Control Protocol, Src Port: ftp (21), Dst Port: 57663 (57663), Seq: 573, Ack: 8, Len: 0



Source port: ftp (21)  
 Destination port: 57663 (57663)  
 [Stream index: 3]  
 Sequence number: 573 (relative sequence number)  
 Acknowledgment number: 8 (relative ack number)  
 Header length: 20 bytes  
 Flags: 0x010 (ACK)  
 Window size value: 92  
 [Calculated window size: 5888]  
 [Window size scaling factor: **FACTOR**]  
 Checksum: 0xb8e4 [validation disabled]  
 [SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
67	17.591638000	212.13.197.229	192.168.43.62	FTP	92	Response: 530 Please login with USER and PASS.

Frame 67: 92 bytes on wire (736 bits), 92 bytes captured (736 bits) on interface 0  
 Ethernet II, Src: MurataMa\_6f:12:7d (20:02:af:6f:12:7d), Dst: IntelCor\_94:89:58 (10:0b:a9:94:89:58)  
 Internet Protocol Version 4, Src: 212.13.197.229 (212.13.197.229), Dst: 192.168.43.62 (192.168.43.62)  
 Transmission Control Protocol, Src Port: ftp (21), Dst Port: 57663 (57663), Seq: 573, Ack: 8, Len: 38

Source port: ftp (21)  
 Destination port: 57663 (57663)  
 [Stream index: 3]  
 Sequence number: 573 (relative sequence number)  
 [Next sequence number: 611 (relative sequence number)]  
 Acknowledgment number: 8 (relative ack number)  
 Header length: 20 bytes  
 Flags: 0x018 (PSH, ACK)  
 Window size value: 92  
 [Calculated window size: 5888]  
 [Window size scaling factor: **FACTOR**]  
 Checksum: 0x539b [validation disabled]  
 [SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
68	17.594484000	212.13.197.229	192.168.43.62	TCP	66	[TCP Dup ACK 67#1] ftp > 57663 [ACK]

Seq=611 Ack=8 Win=5888 Len=0 SLE=1 SRE=8  
 Frame 68: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0  
 Ethernet II, Src: MurataMa\_6f:12:7d (20:02:af:6f:12:7d), Dst: IntelCor\_94:89:58 (10:0b:a9:94:89:58)  
 Internet Protocol Version 4, Src: 212.13.197.229 (212.13.197.229), Dst: 192.168.43.62 (192.168.43.62)  
 Transmission Control Protocol, Src Port: ftp (21), Dst Port: 57663 (57663), Seq: 611, Ack: 8, Len: 0

Source port: ftp (21)  
 Destination port: 57663 (57663)  
 [Stream index: 3]  
 Sequence number: 611 (relative sequence number)  
 Acknowledgment number: 8 (relative ack number)  
 Header length: 32 bytes  
 Flags: 0x010 (ACK)  
 Window size value: 92  
 [Calculated window size: 5888]  
 [Window size scaling factor: **FACTOR**]  
 Checksum: 0x65ef [validation disabled]  
 Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), SACK  
 [SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
69	17.799213000	192.168.43.62	212.13.197.229	TCP	54	57663 > ftp [ACK] Seq=8 Ack=611 Win=7582 Len=0

Frame 69: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface 0  
 Ethernet II, Src: IntelCor\_94:89:58 (10:0b:a9:94:89:58), Dst: MurataMa\_6f:12:7d (20:02:af:6f:12:7d)  
 Internet Protocol Version 4, Src: 192.168.43.62 (192.168.43.62), Dst: 212.13.197.229 (212.13.197.229)  
 Transmission Control Protocol, Src Port: 57663 (57663), Dst Port: ftp (21), Seq: 8, Ack: 611, Len: 0

Source port: 57663 (57663)  
 Destination port: ftp (21)  
 [Stream index: 3]  
 Sequence number: 8 (relative sequence number)  
 Acknowledgment number: 611 (relative ack number)  
 Header length: 20 bytes  
 Flags: 0x010 (ACK)  
 Window size value: 7582  
 [Calculated window size: 7582]  
 [Window size scaling factor: 1]  
 Checksum: 0x9b7c [validation disabled]  
 [SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
70	17.959179000	192.168.43.62	150.244.214.237	TCP	54	57661 > http [FIN, ACK] Seq=1 Ack=1

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(no window scaling used]  
 Checksum: 0xc68c [validation disabled]

