

Solutions

Version 1

4F	E2	9D	17	E2	D5	A4	D4	9A	15	05	E9	08	00	45	80
00	72	89	62	7F	D6	63	85	44	CE	65	75	4F	7D	D0	4F
C3	52	FF	4C	E8	46	01	5B	30	57	0A	D4	DF	18	C8	F5
27	AE	5A	D1	BB	7F	E7	1A	51	5A	78	CC	0F	A1	85	5E
A1	7F	49	A2	11	21	4C	88	67	83	66	D9	E5	DE	3D	3A
41	32	A3	80	9F	F6	76	E0	51	C5	62	07	F7	23	FB	67
3C	97	83	87	BD	BF	BC	E2	66	57	38	84	13	03	83	0B
1A	AD	3E	1A	F1	C2	29	57	5A	ED	06	DD	0D	E5	46	B4

Destination Hardware Address	4F E2 9D 17 E2 D5	01001111 11100010 10011101 00010111 11100010 11010101
Source Hardware Address	A4 D4 9A 15 05 E9	10100100 11010100 10011010 00010101 00000101 11101001
Frame Type	08 00	00001000 00000000
Vers & Len	45	01000101
Type Of Service	80	10000000
Total Length	00 72	00000000 01110010
Ident	89 62	10001001 01100010
Flags & Fragment Offset	7F D6	01111111 11010110
Flags	Don't Fragment More Fragments	
Fragment Offset	1F D6	00011111 11010110
TTL	63	01100011
Type	85	10000101
Header Checksum	44 CE	01000100 11001110
Source IP Address	65 75 4F 7D	01100101 01110101 01001111 01111101
Class	A	
Network	65	01100101
Host	75 4F 7D	01110101 01001111 01111101
Source IP Address (Decimal)	101 117 79 125	
Destination IP Address	D0 4F C3 52	11010000 01001111 11000011 01010010
Class	C	
Network	D0 4F C3	11010000 01001111 11000011
Host	52	01010010
Destination IP Address (Decimal)	208 79 195 82	
Payload Data	FF 4C E8 46 01	11111111 01001100 11101000 01000110 00000001

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Version 2

CD	A9	FD	2E	C6	E3	E8	BD	CA	86	33	BF	08	00	45	57
00	72	F4	52	67	EC	16	AF	43	CB	9C	45	1F	DC	C1	0C
8B	B6	8D	BC	03	41	B7	5C	29	C2	B9	0C	C8	2A	6F	15
7B	D3	78	AD	05	84	C9	BD	7A	CD	32	7A	9E	5B	F4	1E
93	22	72	68	56	50	74	F9	61	98	6B	91	3B	ED	7A	49
CC	93	2C	E8	9C	A0	76	F3	C9	5D	3D	83	0D	E6	0E	1E
BC	57	F2	A6	AF	E5	2E	47	F0	96	4E	67	BC	80	F1	C8
A5	A5	8D	89	50	D7	30	2A	94	F4	C8	78	BC	33	3A	A9

Destination Hardware Address	CD	A9	FD	2E	C6	E3	11001101	10101001	11111101	00101110	11000110	11100011	
Source Hardware Address	E8	BD	CA	86	33	BF	11101000	10111101	11001010	10000110	00110011	10111111	
Frame Type	08	00	00001000	00000000									
Vers & Len	45						01000101						
Type Of Service	57						01010111						
Total Length	00	72	00000000	01110010									
Ident	F4	52	11110100	01010010									
Flags & Fragment Offset	67	EC	01100111	11101100									
Flags	Don't Fragment		More Fragments										
Fragment Offset	07	EC	00000111	11101100									
TTL	16						00010110						
Type	AF						10101111						
Header Checksum	43	CB	01000011	11001011									
Source IP Address	9C	45	1F	DC									
Class	B						10011100	01000101	00011111	11011100			
Network	9C	45	10011100	01000101									
Host	1F	DC	00011111	11011100									
Source IP Address (Decimal)	156	69	31	220									
Destination IP Address	C1	0C	8B	B6									
Class	C						11000001	00001100	10001011	10110110			
Network	C1	0C	8B										
Host	B6						11000001	00001100	10001011				
Destination IP Address (Decimal)	193	12	139	182									
Payload Data	8D	BC	03	41	B7	10001101	10111100	00000011	01000001	10110111			

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Version 3

C6	FA	DA	B9	88	97	D4	12	A1	E6	68	9B	08	00	45	B6
00	72	58	92	76	96	0E	4E	F3	30	CE	46	00	3B	56	A4
E6	F4	AC	BD	82	35	5E	E9	B0	5A	6F	7E	B7	93	1A	A7
CA	8A	F2	52	DD	55	0F	09	8D	DA	E0	25	E0	29	F6	BA
E2	4F	2B	6B	A9	88	0E	97	81	33	7A	F6	A1	8F	78	B2
F1	23	EE	C3	38	F2	2C	BC	3A	19	EF	58	BC	F8	B9	A6
CE	1B	F9	19	3B	39	95	05	E9	09	B6	9C	6B	63	10	35
B1	9D	7E	09	3D	49	37	06	4B	EC	3C	C3	C3	97	CF	B1

Destination Hardware Address	C6	FA	DA	B9	88	97	11000110	11111010	11011010	10111001	10001000	10010111	
Source Hardware Address	D4	12	A1	E6	68	9B	11010100	00010010	10100001	11100110	01101000	10011011	
Frame Type	08	00	00001000	00000000									
Vers & Len	45						01000101						
Type Of Service	B6						10110110						
Total Length	00	72	00000000	01110010									
Ident	58	92	01011000	10010010									
Flags & Fragment Offset	76	96	01110110	10010110									
Flags	Don't Fragment		More Fragments										
Fragment Offset	16	96	00010110	10010110									
TTL	0E						00001110						
Type	4E						01001110						
Header Checksum	F3	30	11110011	00110000									
Source IP Address	CE	46	00	3B	11001110	01000110	00000000	00111011					
Class	C												
Network	CE	46	00	11001110	01000110	00000000							
Host	3B						00111011						
Source IP Address (Decimal)	206	70	0	59									
Destination IP Address	56	A4	E6	F4	01010110	10100100	11100110	11110100					
Class	A												
Network	56						01010110						
Host	A4	E6	F4	10100100	11100110	11110100							
Destination IP Address (Decimal)	86	164	230	244									
Payload Data	AC	BD	82	35	5E	10101100	10111101	10000010	00110101	01011110			

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Version 4

74	9A	4E	C3	1D	D0	25	A4	21	F3	8E	38	08	00	45	E5
00	72	9A	1A	3E	F7	F4	B0	5D	3B	C9	EC	09	E3	8D	56
73	52	02	F0	E5	25	44	E6	3A	5F	DA	61	AC	7C	C1	6E
AA	5A	70	F7	F0	DE	E2	0C	57	E5	36	69	08	9B	14	83
8F	1A	5B	3D	3A	6F	37	66	91	96	9A	9B	74	E9	2A	EE
76	2E	CB	5B	F8	F5	85	79	3D	A1	A4	B4	FC	AC	AA	1B
30	5A	CF	BB	07	C8	37	25	FB	D9	6F	67	CE	B6	D5	58
7F	D6	CD	BE	8F	2D	F8	50	D3	D1	74	C4	42	9C	70	C7

Destination Hardware Address	74 9A 4E C3 1D D0	01110100 10011010 01001110 11000011 00011101 11010000
Source Hardware Address	25 A4 21 F3 8E 38	00100101 10100100 00100001 11110011 10001110 00111000
Frame Type	08 00	00001000 00000000
Vers & Len	45	01000101
Type Of Service	E5	11100101
Total Length	00 72	00000000 01110010
Ident	9A 1A	10011010 00011010
Flags & Fragment Offset	3E F7	00111110 11110111
Flags	More Fragments	
Fragment Offset	1E F7	00011110 11110111
TTL	F4	11110100
Type	B0	10110000
Header Checksum	5D 3B	01011101 00111011
Source IP Address	C9 EC 09 E3	11001001 11101100 00001001 11100011
Class	C	
Network	C9 EC 09	11001001 11101100 00001001
Host	E3	11100011
Source IP Address (Decimal)	201 236 9 227	
Destination IP Address	8D 56 73 52	10001101 01010110 01110011 01010010
Class	B	
Network	8D 56	10001101 01010110
Host	73 52	01110011 01010010
Destination IP Address (Decimal)	141 86 115 82	
Payload Data	02 F0 E5 25 44	00000010 11110000 11100101 00100101 01000100