

## Solutions

Version 1

D1	9E	63	CB	6E	77	4B	15	7E	62	0F	5F	08	00	45	38
00	72	2A	04	33	46	AE	51	EC	C3	BC	2A	D6	24	4F	11
A5	F9	43	41	61	46	1D	78	F5	9B	11	A7	28	FD	D1	6F
E1	87	68	96	C4	69	FE	EB	A6	D9	B1	57	22	32	FD	13
51	D7	0C	EB	13	72	B8	27	0A	07	71	E5	07	75	2A	57
2C	DA	D8	52	B9	A0	BF	63	14	6C	E8	D9	03	23	B5	8F
16	69	A5	E1	DE	4E	E9	E9	AA	71	F5	21	B6	11	24	7F
20	7C	F9	FC	06	94	FE	84	9B	80	FB	EE	7C	F4	90	1C

Destination Hardware Address	D1 9E 63 CB 6E 77	11010001 10011110 01100011 11001011 01101110 01110111
Source Hardware Address	4B 15 7E 62 0F 5F	01001011 00010101 01111110 01100010 00001111 01011111
Frame Type	08 00	00001000 00000000
Vers & Len	45	01000101
Type Of Service	38	00111000
Total Length	00 72	00000000 01110010
Ident	2A 04	00101010 00000100
Flags & Fragment Offset	33 46	00110011 01000110
Flags	More Fragments	
Fragment Offset	13 46	00010011 01000110
TTL	AE	10101110
Type	51	01010001
Header Checksum	EC C3	11101100 11000011
Source IP Address	BC 2A D6 24	10111100 00101010 11010110 00100100
Class	B	
Network	BC 2A	10111100 00101010
Host	D6 24	11010110 00100100
Source IP Address (Decimal)	188 42 214 36	
Destination IP Address	4F 11 A5 F9	01001111 00010001 10100101 11111001
Class	A	
Network	4F	01001111
Host	11 A5 F9	00010001 10100101 11111001
Destination IP Address (Decimal)	79 17 165 249	
Payload Data	43 41 61 46 1D	01000011 01000001 01100001 01000110 00011101

## Solutions

## Version 2

81	4A	A9	C7	1A	E1	B2	CE	43	27	4B	57	08	00	45	94
00	72	31	A1	2D	CB	41	36	3A	B0	1A	6E	55	C9	DD	06
3E	2A	72	4C	EC	F1	8B	48	87	BD	16	0A	63	1B	43	0A
D0	F7	B3	AE	13	92	A8	C5	D5	59	54	94	E8	FC	B4	80
D9	83	07	96	68	3B	16	FB	3F	81	F9	DC	BA	C5	BC	EF
7B	3C	DC	1D	69	94	08	40	7D	19	29	A9	70	83	0E	4B
47	61	C5	71	C7	A7	D2	27	0C	7C	B6	BB	11	04	84	CF
53	55	54	AF	F2	B4	E5	46	F9	56	06	70	1F	27	EB	B7

Destination Hardware Address	81	4A	A9	C7	1A	E1	10000001	01001010	10101001	11000111	00011010	11100001
Source Hardware Address	B2	CE	43	27	4B	57	10110010	11001110	01000011	00100111	01001011	01010111
Frame Type	08	00					00001000	00000000				
Vers & Len	45						01000101					
Type Of Service	94						10010100					
Total Length	00	72					00000000	01110010				
Ident	31	A1					00110001	10100001				
Flags & Fragment Offset	2D	CB					00101101	11001011				
Flags	More Fragments											
Fragment Offset	0D	CB					00001101	11001011				
TTL	41						01000001					
Type	36						00110110					
Header Checksum	3A	B0					00111010	10110000				
Source IP Address	1A	6E	55	C9			00011010	01101110	01010101	11001001		
Class	A											
Network	1A						00011010					
Host	6E	55	C9				01101110	01010101	11001001			
Source IP Address (Decimal)	26	110	85	201								
Destination IP Address	DD	06	3E	2A			11011101	00000110	00111110	00101010		
Class	C											
Network	DD	06	3E				11011101	00000110	00111110			
Host	2A						00101010					
Destination IP Address (Decimal)	221	6	62	42								
Payload Data	72	4C	EC	F1	8B		01110010	01001100	11101100	11110001	10001011	

## Solutions

## Version 3

28	C3	A6	CD	89	7B	E6	91	E4	58	CC	C9	08	00	45	BC
00	72	36	AB	21	F6	57	B7	FA	F8	9C	63	65	34	D8	88
24	60	3A	79	DF	9C	40	DC	2A	F2	C2	48	D2	3E	6B	AE
9F	C6	DB	EA	DB	4A	80	78	97	15	C4	CA	8F	29	C0	BB
F5	54	96	FB	97	40	3B	D5	0B	D8	AF	DC	56	DD	96	9D
16	61	2F	18	41	1F	68	0C	4E	15	B1	40	7F	1B	4A	0C
F9	6A	EB	3A	41	05	0E	FC	AF	C0	1F	81	45	53	90	CF
C0	A7	08	ED	58	67	AE	CD	05	41	A9	FC	2B	18	18	63

Destination Hardware Address	28	C3	A6	CD	89	7B	00101000	11000011	10100110	11001101	10001001	01111011
Source Hardware Address	E6	91	E4	58	CC	C9	11100110	10010001	11100100	01011000	11001100	11001001
Frame Type	08	00					00001000	00000000				
Vers & Len	45						01000101					
Type Of Service	BC						10111100					
Total Length	00	72					00000000	01110010				
Ident	36	AB					00110110	10101011				
Flags & Fragment Offset	21	F6					00100001	11110110				
Flags	More Fragments											
Fragment Offset	01	F6					00000001	11110110				
TTL	57						01010111					
Type	B7						10110111					
Header Checksum	FA	F8					11111010	11111000				
Source IP Address	9C	63	65	34			10011100	01100011	01100101	00110100		
Class	B											
Network	9C	63					10011100	01100011				
Host	65	34					01100101	00110100				
Source IP Address (Decimal)	156	99	101	52								
Destination IP Address	D8	88	24	60			11011000	10001000	00100100	01100000		
Class	C											
Network	D8	88	24				11011000	10001000	00100100			
Host	60						01100000					
Destination IP Address (Decimal)	216	136	36	96								
Payload Data	3A	79	DF	9C	40		00111010	01111001	11011111	10011100	01000000	

## Solutions

Version 4

5E	9E	5E	B6	BB	38	8E	F1	46	B2	F4	0B	08	00	45	18
00	72	66	83	28	4D	A6	AF	70	F7	2B	85	84	AA	8B	85
52	82	A4	73	AC	85	16	65	A7	84	20	05	45	09	CA	3F
64	EC	46	91	CF	71	CA	94	16	21	BE	23	8B	74	5C	94
D5	8D	90	39	61	FC	53	B0	8B	CB	F1	8D	7F	C9	D5	35
6B	ED	A1	7E	A5	70	99	46	60	6D	04	C6	D6	6D	15	46
FB	34	A2	14	3C	EB	35	0D	11	F7	CB	FB	80	6E	47	07
19	4E	7B	67	2D	9D	61	04	98	DA	BD	34	0B	66	FF	E2

Destination Hardware Address	5E	9E	5E	B6	BB	38	01011110	10011110	01011110	10110110	10111011	00111000
Source Hardware Address	8E	F1	46	B2	F4	0B	10001110	11110001	01000110	10110010	11110100	00001011
Frame Type	08	00					00001000	00000000				
Vers & Len	45						01000101					
Type Of Service	18						00011000					
Total Length	00	72					00000000	01110010				
Ident	66	83					01100110	10000011				
Flags & Fragment Offset	28	4D					00101000	01001101				
Flags	More Fragments											
Fragment Offset	08	4D					00001000	01001101				
TTL	A6						10100110					
Type	AF						10101111					
Header Checksum	70	F7					01110000	11110111				
Source IP Address	2B	85	84	AA			00101011	10000101	10000100	10101010		
Class	A											
Network	2B						00101011					
Host	85	84	AA				10000101	10000100	10101010			
Source IP Address (Decimal)	43	133	132	170								
Destination IP Address	8B	85	52	82			10001011	10000101	01010010	10000010		
Class	B											
Network	8B	85					10001011	10000101				
Host	52	82					01010010	10000010				
Destination IP Address (Decimal)	139	133	82	130								
Payload Data	A4	73	AC	85	16		10100100	01110011	10101100	10000101	00010110	