

Ethernet																destination																source																type IP(0800) ARP(0806)															
d0	df	9a	d2	a0	eb	0	1d	a1	31	eb	d6	8	0																																																		
IP																Ethernet																version = 4																															
d0	df	9a	d2	a0	eb	0	1d	e5	4d	3c	10	8	0	45	0	Protocol ICMP(1) UDP(11) TCP(6)																source																destination															
1	64	0	0	0	0	ff	11	37	55	1	1	1	1	0a	71																																																
76	c1																																																														
TCP																																																															
d0	df	9a	d2	a0	eb	0	1d	a1	31	eb	d6	8	0	45	0	type = IP ( 08 00 )																																															
0	34	bd	81	40	0	31	6	17	12	57	f0	9c	0e	0a	71	protocol = TCP (06)																																															
76	c1	0	50	f1	67	cd	e4	9e	33	95	af	d8	a1	80	10	flag: RST+ACK(14) ACK (10) SYN (02) SYN + ACK (12) FIN + ACK (11)																																															
0	1f	5b	aa	0	0	1	1	5	0a	95	af	d8	a0	95	af																																																
d8	a1																																																														
ARP																																																															
d0	df	9a	d2	a0	eb	0	1d	a1	31	eb	d6	8	6	0	1	type = arp																																															
8	0	6	4	0	2	0	1d	a1	31	eb	d6	0a	71	77	fe	opcode = 1 request, 2 replay																Sender MAC address																Sender IP address															
d0	df	9a	d2	a0	eb	0a	71	76	c1												Target MAC address																Target IP address																										
icmp																																																															
d0	df	9a	d2	a0	eb	0	1d	a1	31	eb	d6	8	0	45	c0	protocol = icmp ( 01 )																																															
0	38	2d	d2	0	0	fb	1	7	57	0a	60	fe	49	0a	71	тип																code																контрольная сумма															
76	c1	0b	0	6b	8e	0	0	0	0	45	0	0	3a	1	c4																																																
0	0	1	11	14	a2	0a	71	76	c1	d4	c1	4d	5a	e4	9f																																																
e4	9f	0	26	c0	0b																																																										
dhcp / bootp																																																															
d0	df	9a	d2	a0	eb	0	1d	e5	4d	3c	10	8	0	45	0																																																
1	64	0	0	0	0	ff	11	37	55	1	1	1	1	0a	71																																																
76	c1	0	43	0	44	1	50	a8	54	2	1	6	0	df	47	UDP часть при DHCP порты 0043 и 0044 соответственно																																															
ba	6b	0	0	0	0	0	0	0	0	0a	71	76	c1	0	0																																																
0	0	0	0	0	0	d0	df	9a	d2	a0	eb	0	0	0	0																																																

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
0	0	0	0	0	0	0	63	82	53	63	35	1	5	3a	4	0	Значение типа: Discover(4) Request(13) Release(7) Offer(2) ASK (5) NACK(6)					
5	46	0	3b	4	0	9	3a	80	33	4	0	0a	8c	0	36							
4	1	1	1	1	1	4	ff	ff	fe	0	51	3	0	ff	ff							
0f	0a	75	73	75	2e	6c	6f	63	61	6c	0	3	4	0a	71							
77	fe	6	14	0a	62	f0	2	0a	6a	f0	2	0a	72	f0	2							
0a	7a	f0	2	0a	60	f0	2	2c	4	0a	62	f0	3	2e	1							
2	ff																					
udp																						
d0	df	9a	d2	a0	eb	0	1d	e5	4d	3c	10	8	0	45	0							
1	64	0	0	0	0	ff	11	37	55	1	1	1	1	0a	71							
76	c1	0	43	0	44	1	50	a8	54							source port	Порт получателя				Длина	Контрольная сумма