

## DISCOVER

[illegible]

## OFFER

DHCP from PC.pcapng [Layer2Switch1 Ethernet2 to R1 FastEthernet0/0]
DHCP from Server.pcapng [R1 FastEthernet1/0 to R2 FastEthernet0/0]

No.	Time	Source	Destination	Protocol	Length	Info
95	110.964199	0.0.0.0	255.255.255.255	DHCP	406	DHCP Discover - Transacti...
96	111.964243	0.0.0.0	255.255.255.255	DHCP	406	DHCP Discover - Transacti...
99	113.762718	10.10.1.3	10.10.1.1	DHCP	342	DHCP Offer - Transacti...
101	114.964587	0.0.0.0	255.255.255.255	DHCP	406	DHCP Request - Transacti...
102	114.978795	10.10.1.3	10.10.1.1	DHCP	342	DHCP ACK - Transacti...

  

> Frame 99: 342 bytes on wire (2736 bits), 342 bytes captured (2736 bits) on interface -, id 0

> Ethernet II, Src: cc:01:6f:04:00:00 (cc:01:6f:04:00:00), Dst: 00:50:79:66:68:00 (00:50:79:66:68:00)

> Internet Protocol Version 4, Src: 10.10.1.3, Dst: 10.10.1.1

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

> Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

Total Length: 328

Identification: 0x0002 (2)

> 000. .... = Flags: 0x0

...0 0000 0000 0000 = Fragment Offset: 0

Time to Live: 255

Protocol: UDP (17)

Header Checksum: 0xa48b [validation disabled]

[Header checksum status: Unverified]

Source Address: 10.10.1.3

Destination Address: 10.10.1.1

User Datagram Protocol, Src Port: 67, Dst Port: 68

> Dynamic Host Configuration Protocol (Offer)

Message type: Boot Reply (2)

Hardware type: Ethernet (0x01)

Hardware address length: 6

Hops: 0

Transaction ID: 0x03342f44

Seconds elapsed: 0

> Bootp flags: 0x0000 (Unicast)

Client IP address: 0.0.0.0

Your (client) IP address: 10.10.1.1

Next server IP address: 0.0.0.0

Relay agent IP address: 10.10.1.3

Client MAC address: 00:50:79:66:68:00 (00:50:79:66:68:00)

Client hardware address padding: 00000000000000000000

Server host name not given

Boot file name not given

Magic cookie: DHCP

> Option: (53) DHCP Message Type (Offer)

> Option: (54) DHCP Server Identifier (10.10.3.2)

> Option: (51) IP Address Lease Time

> Option: (58) Renewal Time Value

> Option: (59) Rebinding Time Value

> Option: (1) Subnet Mask (255.255.255.0)

> Option: (3) Router

> Option: (6) Domain Name Server

> Option: (255) End

Padding: 00000000000000000000000000000000

Тип сообщения - Offer

Адрес, выданный клиенту

Информация об адресе и сервере

Время аренды, маска, DNS итд

