

RIPv2.pcapng

Файл Правка Вид Запуск Захват Анализ Статистика Телефония Беспроводная связь Инструменты Справка

Примените фильтр отображения ... <Ctrl-/>

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000	cc:01:15:2f:00:00	cc:01:15:2f:00:00	LOOP	60	Reply
2	5.995667	192.168.8.1	224.0.0.9	RIPv2	206	Response
3	9.999437	cc:01:15:2f:00:00	cc:01:15:2f:00:00	LOOP	60	Reply
4	12.740022	cc:05:15:a7:00:20	DEC-MOP-Remote-Cons...	0x6002	77	DEC DNA Remote Console
5	12.836273	cc:01:15:2f:00:00	CDP/VTP/DTP/PagP/UD...	CDP	338	Device ID: R1 Port ID: FastEthernet0/0
6	13.263196	cc:05:15:a7:00:20	cc:05:15:a7:00:20	LOOP	60	Reply
7	19.998333	cc:01:15:2f:00:00	cc:01:15:2f:00:00	LOOP	60	Reply
8	21.471535	192.168.8.2	224.0.0.9	RIPv2	106	Response
9	29.997186	cc:01:15:2f:00:00	cc:01:15:2f:00:00	LOOP	60	Reply
10	33.357091	192.168.8.1	224.0.0.9	RIPv2	206	Response

Frame 8: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface -, id 0

Ethernet II, Src: cc:05:15:a7:00:20 (cc:05:15:a7:00:20), Dst: IPv4mcast 09 (01:00:5e:00:00:09)

Internet Protocol Version 4, Src: 192.168.8.2, Dst: 224.0.0.9

User Datagram Protocol, Src Port: 520, Dst Port: 520

Routing Information Protocol

Command: Response (2)

Version: RIPv2 (2)

IP Address: 192.168.9.0, Metric: 1 Кол-во прыжков до подсети

Address Family: IP (2)

Route Tag: 0

IP Address: 192.168.9.0 Адрес подсети

Netmask: 255.255.255.0 Маска подсети

Next Hop: 0.0.0.0

Metric: 1

IP Address: 192.168.10.0, Metric: 1

Address Family: IP (2)

Route Tag: 0

IP Address: 192.168.10.0

Netmask: 255.255.255.0

Next Hop: 0.0.0.0

Metric: 1

IP Address: 192.168.11.0, Metric: 2

Address Family: IP (2)

Route Tag: 0

IP Address: 192.168.11.0

Netmask: 255.255.255.0

Next Hop: 0.0.0.0

Metric: 2

OSPF.pcapng

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Примените фильтр отображения ... <Ctrl-/>

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000	0c:11:6d:81:00:02	Spanning-tree-(for...	STP	60	Conf. Root = 32768/1/0c:11:6d:81:00:00 Cost = 0 Port = 0x8003
2	1.736438	cc:03:15:6b:00:00	cc:03:15:6b:00:00	LOOP	60	Reply
3	1.999687	0c:11:6d:81:00:02	Spanning-tree-(for...	STP	60	Conf. Root = 32768/1/0c:11:6d:81:00:00 Cost = 0 Port = 0x8003
4	2.313353	192.168.0.2	224.0.0.5	OSPF	98	Hello Packet
5	2.473578	192.168.0.1	224.0.0.5	OSPF	98	Hello Packet
6	2.571552	192.168.0.3	224.0.0.5	OSPF	98	Hello Packet
7	3.999302	0c:11:6d:81:00:02	Spanning-tree-(for...	STP	60	Conf. Root = 32768/1/0c:11:6d:81:00:00 Cost = 0 Port = 0x8003
8	4.897108	0c:11:6d:81:00:02	0c:11:6d:81:00:02	LOOP	60	Reply
9	5.999111	0c:11:6d:81:00:02	Spanning-tree-(for...	STP	60	Conf. Root = 32768/1/0c:11:6d:81:00:00 Cost = 0 Port = 0x8003
10	7.998753	0c:11:6d:81:00:02	Spanning-tree-(for...	STP	60	Conf. Root = 32768/1/0c:11:6d:81:00:00 Cost = 0 Port = 0x8003
11	8.488604	0c:11:6d:81:00:02	CDP/VTP/DTP/PagP/UD...	DTP	60	Dynamic Trunk Protocol

Frame 6: 98 bytes on wire (784 bits), 98 bytes captured (784 bits) on interface -, id 0

Ethernet II, Src: cc:03:15:6b:00:00 (cc:03:15:6b:00:00), Dst: IPv4mcast_05 (01:00:5e:00:00:05)

Internet Protocol Version 4, Src: 192.168.0.3, Dst: 224.0.0.5

Open Shortest Path First

OSPF Header

Version: 2

Message Type: Hello Packet (1) тип сообщения

Packet Length: 52

Source OSPF Router: 192.168.0.3 ID роутера

Area ID: 0.0.0.0 (Backbone)

Checksum: 0x2940 [correct]

Auth Type: Null (0)

Auth Data (none): 0000000000000000

OSPF Hello Packet

Network Mask: 255.255.255.0 маска подсети

Hello Interval [sec]: 10 Интервал отправки Hello

Options: 0x12, (L) LLS Data Block, (E) External Routing

Router Priority: 1

Router Dead Interval [sec]: 40 период времени, в течение которого маршрутизатор ожидает ответа соседей

Designated Router: 192.168.0.3

Backup Designated Router: 192.168.0.2

Active Neighbor: 192.168.0.1 Список соседей, от которых получен пакет

Active Neighbor: 192.168.0.2 Hello в течении времени(route dead interval)

OSPF LLS Data Block

Checksum: 0xffff6

LLS Data Length: 12 bytes

Extended options TLV