Министерство цифрового развития, связи и массовых коммуникаций РФ Федеральное государственное бюджетное образовательное учреждение высшего образования

«Сибирский государственный университет телекоммуникаций и информатики» (СибГУТИ)

Отчет по практической работе №4

«Адресация узлов в сетях. Статическая и динамическая конфигурация узлов»

Выполнил:

студент группы ИП-314

Жинов Н. А.

- 1. К машинам добавлен VirtualBox Host-only адаптер
- 2. На обоих машинах прописаны команды sudo apt-get install avahi-autoipd
- 3. В AstraLinux добавлен файл eth3 в директории /etc/network/insterfaces.d/ с содержимым:

auto eth3

iface eth3 inet ipv4ll

В БазальтОС добавлен файл enp0s9/options в директории /etc/net/ifaces BOOTPROTO= ipv4ll

TYPE=eth

CONFIG_WIRELESS=no

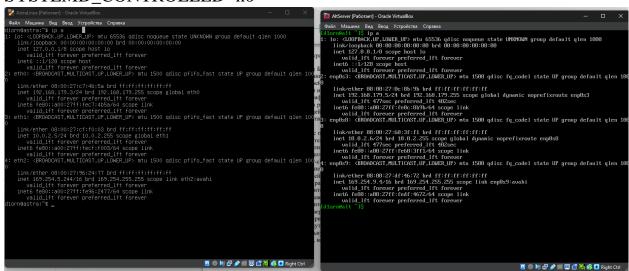
SYSTEMD_BOOTPROTO=dhcp4

CONFIG_IPV4=yes

DISABLED=no

NM_CONTROLLED=no

SYSTEMD_CONTROLLED=no



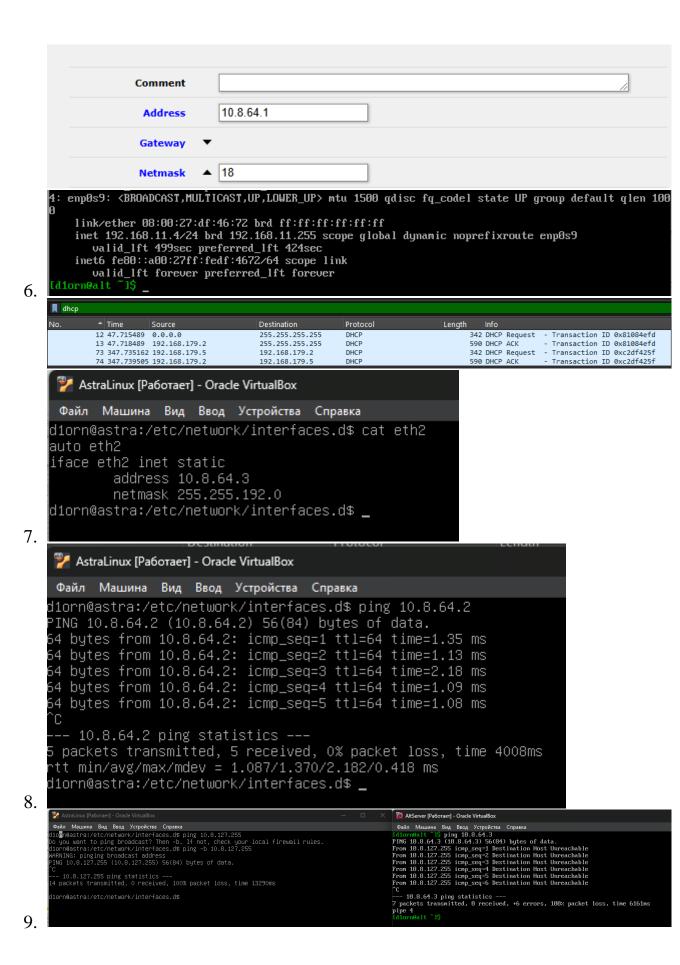
4

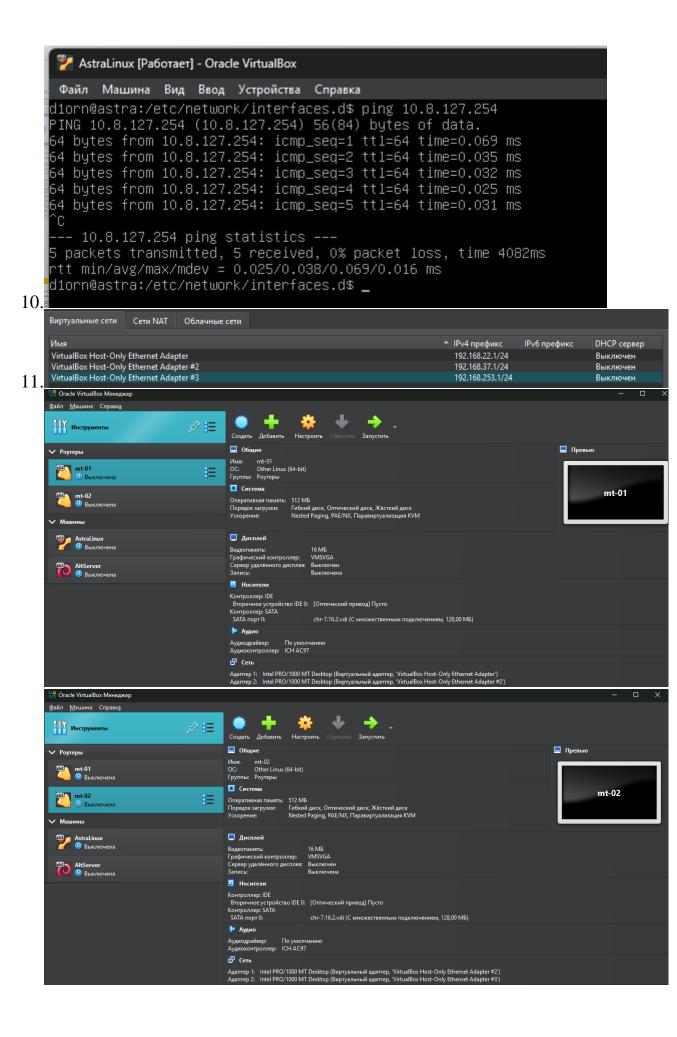
Name dhcp-se	erver-pool
Addresses ▼ 10.8.64.	0/18
Next Pool none	~
Cancel	Apply
	invalid No IP address on interface
Enabled	
Comment	
▼ General	
Name	dhcp1
Interface	ether2 V
Relay	10.8.64.1
Lease Time	00:30:00
Bootp Lease Time	forever
Address Pool	dhcp_pool0 ✓
DHCP Option Set	▼
Server Address	▼
Delay Threshold	▼
Authoritative	yes ✓
Bootp Support	static 🗸
Client MAC Limit	<u> </u>
Use RADIUS	no 🗸
Always Broadcast	<u>▼</u>
Add ARP For Leases	
Use Framed As Classless	
Conflict Detection	
• Queues	

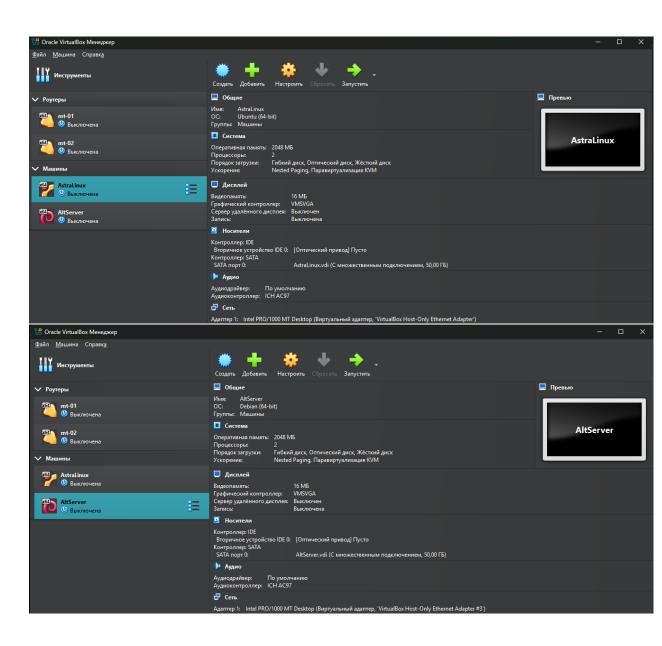
Apply

ок

Cancel



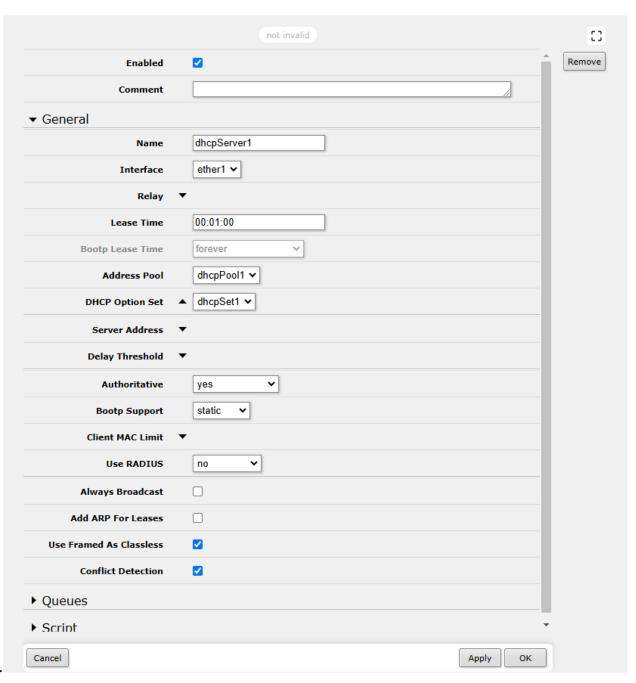




not invalid 0 Remove ✓ Enabled Comment ▼ General Name dhcpServer1 ether2 🕶 Interface Relay 00:01:00 Lease Time forever **Bootp Lease Time** dhcpPool1 ∨ **Address Pool DHCP Option Set** Server Address **Delay Threshold** Authoritative yes **Bootp Support** static ~ **Client MAC Limit** Use RADIUS ~ no Always Broadcast Add ARP For Leases **Use Framed As Classless** ✓ **Conflict Detection** ✓ Queues ▶ Script Cancel Apply

υ.	Time	Source	Destination	FIOLOCOI	Length IIIO	
	1 0.000000			Ethernet	60 [Packet size limited during	capturel
	2 24.953926		ff02::16	ICMPv6	90 Multicast Listener Report Me	
	3 25.521907		ff02::16	ICMPv6		
					90 Multicast Listener Report Me	
	4 25.841996		ff02::1:ff0c:8b9b	ICMPv6	86 Neighbor Solicitation for fe	
	5 26.865968	fe80::a00:27ff:fe0c:8b9b	ff02::16	ICMPv6	90 Multicast Listener Report Me	ssage v2
	6 26.866234	fe80::a00:27ff:fe0c:8b9b	ff02::2	ICMPv6	70 Router Solicitation from 08:	00:27:0c:8b:9b
	7 26,969299	0.0.0.0	255,255,255,255	DHCP	342 DHCP Discover - Transaction	TD 0x213ac197
		fe80::a00:27ff:fe0c:8b9b		ICMPv6	90 Multicast Listener Report Me	
		fe80::a00:27ff:fe0c:8b9b		ICMPv6	70 Router Solicitation from 08:	
	10 31.632172	0.0.0.0	255.255.255.255	DHCP	342 DHCP Discover - Transaction	ID 0x213ac197
	11 38.745521	0.0.0.0	255.255.255.255	DHCP	342 DHCP Discover - Transaction	ID 0x213ac197
	12 39 922068	fe80::a00:27ff:fe0c:8b9b	ff02··2	ICMPv6	70 Router Solicitation from 08:	
	13 54.331484		255.255.255.255	DHCP	342 DHCP Discover - Transaction	
		fe80::a00:27ff:fe0c:8b9b		ICMPv6	70 Router Solicitation from 08:	
	15 87.538614	fe80::a00:27ff:fe0c:8b9b	ff02::2	ICMPv6	70 Router Solicitation from 08:	00:27:0c:8b:9b
			not inva	lid		0
	E	Enabled 🗸				Remove
_						
▼ Gei	neral					
		Name dhcpRel	av			
		unepres	_	_		
	In	terface ether2 •	•			
	DHCP Serv	ver VRF main 🗸]			
	DUCE	Server ▼ 10.8.64.2	2	_		
	DHCP	Server ▼ 10.8.64.2	2			
	Delay Th	reshold ▼				
	Local #	Address ▼				
	Add Rel	ay Info				
				_		
Re	lay Info Ren	note ID				
▶ Sta	itus					
Cancel	I				Apply OK	
	_					

13.



14.

No.	Time	Source	Destination	Protocol	Length		Info
	1 0.000000	fe80::a00:27ff:fe65:6c98		MNDP			5678 → 5678 Len=147
	2 0.000440	10.8.0.2	255.255.255.255	MNDP			5678 → 5678 Len=147
	3 0.000802	PCSSystemtec_65:6c:98	CDP/VTP/DTP/PAgP/U	CDP		121	Device ID: mt-01 Port ID: ether1
	4 0.001410	PCSSystemtec_65:6c:98	LLDP_Multicast	LLDP		158	MA/08:00:27:17:c3:07 IN/ether1 121 SysN
	5 24.068309	10.8.0.1	10.8.0.2	TCP		55	58453 → 80 [ACK] Seq=1 Ack=1 Win=254 Le
	6 24.068751	10.8.0.2	10.8.0.1	TCP			80 → 58453 [ACK] Seq=1 Ack=2 Win=1004 L
			ff02::16	ICMPv6			Multicast Listener Report Message v2
	8 27.470962		ff02::1:ffc7:4b5a	ICMPv6			Neighbor Solicitation for fe80::a00:27f
	9 28.263232		ff02::16	ICMPv6			Multicast Listener Report Message v2
		fe80::a00:27ff:fec7:4b5a		ICMPv6			Multicast Listener Report Message v2
		fe80::a00:27ff:fec7:4b5a		ICMPv6			Router Solicitation from 08:00:27:c7:4b
				ARP			
		PCSSystemtec_65:6c:98	0a:00:27:00:00:05				Who has 10.8.0.1? Tell 10.8.0.2
		0a:00:27:00:00:05	PCSSystemtec_65:6c				10.8.0.1 is at 0a:00:27:00:00:05
		fe80::a00:27ff:fec7:4b5a		ICMPv6			Multicast Listener Report Message v2
		fe80::a00:27ff:fe65:6c98		MNDP			5678 → 5678 Len=147
	16 30.005784	10.8.0.2	255.255.255.255	MNDP		189	5678 → 5678 Len=147
	17 30.006474	PCSSystemtec_65:6c:98	CDP/VTP/DTP/PAgP/U	CDP		121	Device ID: mt-01 Port ID: ether1
	18 30.006936	PCSSystemtec 65:6c:98	LLDP Multicast	LLDP		158	MA/08:00:27:17:c3:07 IN/ether1 121 SysN
		fe80::a00:27ff:fec7:4b5a		ICMPv6			Router Solicitation from 08:00:27:c7:4b
	20 32.904736		255.255.255.255	DHCP			DHCP Discover - Transaction ID 0x357d9e
		PCSSystemtec_65:6c:98	Broadcast	ARP			Who has 10.8.0.3? Tell 10.8.0.2
				ARP			Who has 10.8.0.3? Tell 10.8.0.2
		PCSSystemtec_65:6c:98	Broadcast				
	23 33.415075		255.255.255.255	DHCP			DHCP Request - Transaction ID 0x357d9e
		PCSSystemtec_65:6c:98	Broadcast	ARP			Who has 10.8.0.3? Tell 10.8.0.2
		PCSSystemtec_65:6c:98	Broadcast	ARP			Who has 10.8.0.3? Tell 10.8.0.2
	26 40.260510	fe80::a00:27ff:fec7:4b5a	ff02::2	ICMPv6		70	Router Solicitation from 08:00:27:c7:4b
	27 54.889623	fe80::a00:27ff:fec7:4b5a	ff02::2	ICMPv6		70	Router Solicitation from 08:00:27:c7:4b
	28 60.012365	fe80::a00:27ff:fe65:6c98	ff02::1	MNDP		209	5678 → 5678 Len=147
	29 60.013049	10.8.0.2	255.255.255.255	MNDP			5678 → 5678 Len=147
		PCSSystemtec_65:6c:98	CDP/VTP/DTP/PAgP/U	CDP			Device ID: mt-01 Port ID: ether1
	31 60.014391	PCSSystemtec 65:6c:98	LLDP Multicast	LLDP			MA/08:00:27:17:c3:07 IN/ether1 121 SvsN
	22 001021222			TCP			
	32 69.069550		10.8.0.2	TCP			[TCP Keep-Alive] 58453 → 80 [ACK] Seq=1
							[TCP Keep-Alive ACK] 80 → 58453 [ACK] S
	33 69.071479		10.8.0.1				
AstraLin Файл Пр	34 74.141136 35 74.141157 ux.pcapng	PCSSystemtec_65:6c:98 0a:00:27:00:00:05	0a:00:27:00:00:05 PCSSystemtec_65:6c	ARP ARP	Справка	60	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05
<u>Ф</u> айл <u>П</u> р	34 74.141136 35 74.141157 ux.pcapng	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 cк <u>З</u> ахват <u>А</u> нализ <u>С</u> татистик	0a:00:27:00:00:05 PCSSystemtec_65:6c a Телефония <u>Б</u> еспрово	АRР АRР одная связь <u>И</u> нструменты	<u>С</u> правка	60	Who has 10.8.0.1? Tell 10.8.0.2
<u>Ф</u> айл <u>П</u> р	34 74.141136 35 74.141157 ux.pcapng равка <u>В</u> ид <u>З</u> апус	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 cк Захват Анализ Статистик Статистик Отатистик	0a:00:27:00:00:05 PCSSystemtec_65:6c a Телефония <u>Б</u> еспрово	АRР АRР одная связь <u>И</u> нструменты	<u>С</u> правка	60	Who has 10.8.0.1? Tell 10.8.0.2
<u>Ф</u> айл <u>Пр</u>	34 74.141136 35 74.141157 их.рсарпд равка <u>Вид З</u> апус (© <u>В</u>	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Захват Днализ Статистик В С Ф Ф № 12 10 1	Фа:00:27:00:00:05 PCSSystemtec _65:6c а Телефония <u>Б</u> еспрово	АRР АРР жиная связь Инструменты шшшшшшшшшшшшшшшшшшшшшшшшшшшшшшшшшшш		60 42	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05
<u>Ф</u> айл <u>Пр</u>	34 74.141136 35 74.141157 им.рсарпд равка <u>Вид Запус</u> (О) • • • • • • • • • • • • • • • • • • •	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 cк Захват Анализ Статистик Статистик Отатистик	0a:00:27:00:00:05 PCSSystemtec_65:6c a Телефония <u>Б</u> еспрово	ARP ARP Дная связь Инструменты Рrotocol	<u>С</u> правка Length	42	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05
<u>Ф</u> айл <u>Пр</u>	34 74.141136 35 74.141157 шх.рсарпв равка <u>Вид Запус</u> (3) — <u>Вид Запус</u> Тітте 1 0.000000	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск. Захват Днализ Статистик В С С Ф Ф Ф О Ф Ф О Ф О Ф О Ф О Ф О Ф О Ф	Фа:00:27:00:00:05 PCSSystemtec 65:6с а Телефония Есспрово В В Ф О О Destination	ARP ARP Дная связь Инструменты Protocol Ethernet	Length	60 42	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05
<u>Ф</u> айл <u>Пр</u>	34 74.141136 35 74.141157 ux.pcapng равка Вид Запус (3) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Захват Анализ Статистик С Захват Анализ Статистик В С З Ф Ф Ф Т	Фа:00:27:00:00:05 PCSSystemtec 65:6с а Телефония Беспрово В В Ф Ф Ф Беспрово Destination Бестрово	ARP ARP ДНая связь Инструменты Protocol Ethernet MNDP	Length	60 42 60 209	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05 Info [Packet size limited during capture] 5678 → 5678 Len=147
<u>Ф</u> айл <u>П</u> р	34 74.141136 35 74.141157 им.среарпо равка Вид Запус тіте 1 0.000000 2 38.791769 3 38.791907	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Захват Днализ Статистик	Фа:00:27:00:00:05 PCSSystemtec 65:6c а Телефония Беспрово В В Ф С С Destination ff02::1 255.255.255.255	ARP ARP AND	Length	60 42 60 209 189	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05 Info [Packet size limited during capture] 5678 → 5678 Len=147
<u>Ф</u> айл <u>П</u> р	34 74.141136 35 74.141157 шхрсарпо равка Вид Запус тіте 1 0.000000 2 38.791769 3 38.791907 4 38.791921	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск. Захват Анализ Статистик Статистик Статистик ск. Захват Анализ Статистик ск. Захват Анализ Статистик ск. Захват Анализ Статистик статис	Фа:00:27:00:00:05 PCSSystemtec 65:6c a Телефония Беспрово В Ф Ф Ф Destination ff02::1 255.255.255.255 CDP/VTP/DTP/PAgP/U	ARP ARP ARP AHAR CERSS MHCTPYMENTS Protocol Ethernet MNDP MNDP CDP	Length	60 42 60 209 189 121	Info [Packet size limited during capture] 5678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1
<u>Ф</u> айл <u>Пр</u>	34 74.141136 35 74.141157 ux.pcapng лавка Вид Запус (ОООООООООООООООООООООООООООООООООООО	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Захват Анализ Статистик ститистик схитистик схитистик схитистик схитистик схитистик схитистик ститистик схитистик схи	Фа:00:27:00:00:05 PCSSystemtec 65:6c а Телефония Беспрово В В Ф Ф Ф Destination ff02::1 255.255.255 CDP/VTP/DTP/PAgP/U LLDP_Multicast	ARP ARP AMAR CBR35	Length	60 42 60 209 189 121 158	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05 Info [Packet size limited during capture] 5678 → 5678 Len=147 5678 → 5678 Len=147 Device ID: mt-01 Port ID: ether1 PA/08:00:27:17:c3:07 IM/ether1 121 SysN
<u>Ф</u> айл <u>Пр</u>	34 74.141136 35 74.141157 шхрсарпо равка Вид Запус тіте 1 0.000000 2 38.791769 3 38.791907 4 38.791921	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Захват Анализ Статистик ститистик схитистик схитистик схитистик схитистик схитистик схитистик ститистик схитистик схи	Фа:00:27:00:00:05 PCSSystemtec 65:6c a Телефония Беспрово В Ф Ф Ф Destination ff02::1 255.255.255.255 CDP/VTP/DTP/PAgP/U	ARP ARP ARP AHAR CERSS MHCTPYMENTS Protocol Ethernet MNDP MNDP CDP	Length	60 42 60 209 189 121 158	Info [Packet size limited during capture] 5678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1
<u>Ф</u> айл <u>П</u> р	34 74.141136 35 74.141157 ux.pcapng лавка Вид Запус (ОООООООООООООООООООООООООООООООООООО	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Захват Анализ Статистик ск Захват Анализ	Фа:00:27:00:00:05 PCSSystemtec 65:6c а Телефония Беспрово В В Ф Ф Ф Destination ff02::1 255.255.255.255 CDP/VTP/DTP/PAgP/U LLDP_Multicast ff02::16	ARP ARP AMAR CBR35	Length	60 42 60 209 189 121 158 90	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05 Info [Packet size limited during capture] 5678 → 5678 Len=147 5678 → 5678 Len=147 Device ID: mt-01 Port ID: ether1 PA/08:00:27:17:c3:07 IM/ether1 121 SysN
<u>Ф</u> айл <u>П</u> р	34 74.141136 35 74.141157 ULX-pcaping DABKA BUA Sanyo Time 1 0.000000 2 38.791769 3 38.791907 4 38.791921 5 38.791921 5 38.868420	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Захват Анализ Статистик Стати	Фа:00:27:00:00:05 PCSSystemtec 65:6c а Телефония Беспрово В Ф Ф Ф Destination ff02::1 255.255.255.255 CDP/VTP/DTP/PAgP/U LLDP_Multicast ff02::16 255.255.255.255	ARP	Length	60 42 60 209 189 121 158 90 342	Info [Packet size limited during capture] 5678 + 5678 Len=147 Device ID: mt-91 Port ID: ether1 MA/08:09:27:17:03:07 IM/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102
<u>Ф</u> айл <u>П</u> р	34 74.141136 35 74.141157 ux.pcapng равка Вид Запус © □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Захват Анализ Статистик С	Фа:00:27:00:00:05 PCSSystemtec 65:6c а Телефония Беспрово В В Ф Ф Ф Destination ff02::1 255.255.255.255 CDP/VTP/DTP/PAgP/U LLDP_Multicast ff02::16 255.255.255.255 Broadcast	ARP ARP ARP AMAR CBR35	Length	60 42 60 209 189 121 158 90 342 60	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05 Info [Packet size limited during capture] 5678 + 5678 Len=147 5678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1 Mwl 10:00:27:17:03:07 IM/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2
<u>Ф</u> айл <u>П</u> р	34 74.141136 35 74.141157 шк. pcapng завка Вид Запус тіте 1 0.000000 2 38.791907 4 38.791907 4 38.791931 6 38.8668420 8 38.893679 9 38.895462	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Захват Анализ Статистик ск Захватистик ск Захв	Фа:00:27:00:00:05 PCSSystemtec 65:6c Телефония <u>Беспрово</u>	ARP	Length	60 42 60 209 189 121 158 90 342 60 60	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05 [Packet size limited during capture] 5678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1 NA/08:00:27:17:c3:07 IN/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2
<u>Ф</u> айл <u>П</u> р	34 74.141136 35 74.141157 ULX-pcaping Dataka Bud Bud Banyo 10 0000000 2 38.791769 3 38.791907 4 38.791921 5 38.791931 6 38.866420 8 38.893679 9 38.893662 10 39.300403	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Захват Анализ Статистик Стати	Фа:00:27:00:00:05 PCSSystemtec 65:6c а Телефония <u>Б</u> еспрово В	ARP	Length	60 42 60 209 189 121 158 60 86 86 86	Info [Packet size limited during capture] 5678 + 5678 Len=147 Device ID: mt-91 Port ID: ether1 MA/08:09:27:17:03:07 IM/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3? Tell 10.8.0.2 Neighbor Solicitation for fe80::a00:276
<u>Ф</u> айл <u>П</u> р	34 74.141136 35 74.141157 им.среария равка Вид Запус Тime 1 0.000000 2 38.791207 4 38.791907 4 38.791911 6 38.860254 7 38.868420 8 38.893679 9 38.895462 10 39.300403 11 39.426619	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 CK Зажват Анализ Статистик СК Зажват Анализ Статистик О Ф Ф № № 1 • • • • • • • • • • • • • • • • •	Фа:00:27:00:00:05 PCSSystemtec 65:6с а Телефония Беспрово Destination ff02::1 255.255.255.255 CDP/VTP/DTP/PAgP/U LLDP_MULTicast ff02::16 255.255.255.255 Broadcast Broadcast Broadcast Broadcast ff02::1:1ffc7:4b5a 10.8.0.3	ARP	Length	60 42 60 209 189 121 158 90 60 86 86 342	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05 Info [Packet size limited during capture] 5678 + 5678 Len=147 5678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1 Mwl/08:00:27:17:c3:07 IM/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3? Tell for 680:a00:27f DHCP Offer - Transaction ID 0xa76102
<u>Ф</u> айл <u>П</u> р	34 74.141136 35 74.141157 шсреарпо завка Вид Запус ште фильтр отобр. Тіте 1 0.000000 2 38.791907 4 38.791907 4 38.791921 5 38.791921 6 38.8668264 7 38.866826 9 38.895462 10 39.300403 11 39.426619 12 39.426619	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Захват Анализ Статистик ск Захватистик ск Захв	Фа:00:27:00:00:05 PCSSystemtec 65:6c	ARP	Length	60 42 60 209 189 121 158 90 342 60 86 86 342 342	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05 [Packet size limited during capture] 5678 + 5678 Len=147 5678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1 PAM/08:00:27:17:c3:07 IN/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3? Tell 10.8.0.2 Neighbor Solicitation for fe80::a00:27f DHCP Offer - Transaction ID 0xa76102 DHCP Request - Transaction ID 0xa76102
<u>Ф</u> айл <u>П</u> р	34 74.141136 35 74.141157 ULX-pcaping Dataka Bud Bud Bud Bud Time 1 0.0000000 2 38.791769 3 38.791907 4 38.791901 6 38.866420 8 38.893679 9 38.893679 9 38.8936403 11 39.426619 12 39.426619 12 39.426631 31 39.426678	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Захват Анализ Статистик Стати	Фа:00:27:00:00:05 PCSSystemtec 65:6c а Телефония <u>Б</u> еспрово В	ARP	Length	60 42 60 209 189 121 158 90 342 60 342 342 342 342	Info [Packet size limited during capture] 5678 + 5678 Len=147 5678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1 MA/08:00:27:17:c3:07 IM/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3? Tell 10.8.0.2 Neighbor Solicitation for fe80::a00:27f DHCP Offer - Transaction ID 0xa76102 DHCP Request - Transaction ID 0xa76102 DHCP Request - Transaction ID 0xa76102 DHCP ACK - Transaction ID 0xa76102
<u>Ф</u> айл <u>П</u> р	34 74.141136 35 74.141157 шк.рсарпо равка Вид Запус © Вид Запус Тіте 1 0.000000 2 38.791907 4 38.791907 4 38.791907 4 38.868420 8 38.893679 9 38.893679 9 38.893679 1 39.426619 12 39.428032 13 39.429678 14 39.523902	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 CK Зажат Анализ Статистик В С Ф Ф № 10 1 Amazenda	Фа:00:27:00:00:05 PCSSystemtec 65:6с а Телефония <u>Беспрово</u> Destination ff02::1 255.255.255.255 CDP/VTP/DTP/PAgP/U LIDP_MILTORS ff02::16 255.255.255.255 Broadcast Broadcast Broadcast Ff02::1:ffc7:4b5a 10.8.0.3 255.255.255.255 10.8.0.3 ff02::16	ARP	Length	60 42 209 1 189 1 121 1 158 6 60 1 86 6 342 1 342 1 90 1	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05 [Packet size limited during capture] 5678 + 5678 Len=147 5678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1 Mwl/08:00:27:17:c3:07 IM/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3? Tell 10.8.0.2 Neighbor Solicitation for fe80::a00:27f DHCP Offer - Transaction ID 0xa76102 DHCP Request - Transaction ID 0xa76102 DHCP ACK - Transaction ID 0xa76102 DHCP ACK - Transaction ID 0xa76102 Multicast Listener Report Message v2
<u>Ф</u> айл <u>П</u> р	34 74.141136 35 74.141157 шк.рсарпо равка Вид Запус © Вид Запус Тіте 1 0.000000 2 38.791907 4 38.791907 4 38.791907 4 38.868420 8 38.893679 9 38.893679 9 38.893679 1 39.426619 12 39.428032 13 39.429678 14 39.523902	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Захват Анализ Статистик Стати	Фа:00:27:00:00:05 PCSSystemtec 65:6c а Телефония <u>Б</u> еспрово В	ARP	Length	60 42 209 1 189 1 121 1 158 6 60 1 86 6 342 1 342 1 90 1	Info [Packet size limited during capture] 5678 + 5678 Len=147 5678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1 MA/08:00:27:17:c3:07 IM/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3? Tell 10.8.0.2 Neighbor Solicitation for fe80::a00:27f DHCP Offer - Transaction ID 0xa76102 DHCP Request - Transaction ID 0xa76102 DHCP Request - Transaction ID 0xa76102 DHCP ACK - Transaction ID 0xa76102
<u>Ф</u> айл <u>Пр</u>	34 74.141136 35 74.141157 шкреарпа завка Вид Запус шкреарпа завка Вид Запус пте 1 0.000000 2 38.791907 4 38.791991 5 38.791991 6 38.868420 8 38.895462 10 39.300403 11 39.42603 11 39.42603 12 39.42603 13 39.429678 14 39.523902 15 39.952829	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 CK Зажат Анализ Статистик В С Ф Ф № 10 1 Amazenda	Фа:00:27:00:00:05 PCSSystemtec 65:6c	ARP	Length	60 42 209 189 121 158 60 86 86 84 342 90 60 60 90 60	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05 [Packet size limited during capture] 5678 + 5678 Len=147 5678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1 Mwl/08:00:27:17:c3:07 IM/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3? Tell 10.8.0.2 Neighbor Solicitation for fe80::a00:27f DHCP Offer - Transaction ID 0xa76102 DHCP Request - Transaction ID 0xa76102 DHCP ACK - Transaction ID 0xa76102 DHCP ACK - Transaction ID 0xa76102 Multicast Listener Report Message v2
<u>Ф</u> айл <u>Пр</u>	34 74.141136 35 74.141157 ULV. pcaping Data & Bull Sanyo Time 1 0.0000000 2 38.791769 3 38.791907 4 38.791921 5 38.791921 5 38.791931 6 38.866420 8 38.893679 9 38.8936403 11 39.426619 12 39.428032 13 39.429678 14 39.523902 15 39.952829 16 40.324213	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Захват Анализ Статистик Стати	Фа:00:27:00:00:05 PCSSystemtec 65:6c а Телефония <u>Беспрово</u> В	ARP	Length	60 42 60 209 1121 158 90 6 342 1342 1342 1960 1990 1990 1990 1990 1990 1990 1990	Info [Packet size limited during capture] 5678 + 5678 Len=147 5678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1 MA/08:00:27:17:03:07 IM/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3? Tell 10.8.0.2 Neighbor Solicitation for fe80::a00:27f DHCP Offer - Transaction ID 0xa76102 DHCP Request - Transaction ID 0xa76102 DHCP ACK - Transaction ID 0xa76102 Multicast Listener Report Message v2 Who has 10.8.0.3? Tell 10.8.0.2 Multicast Listener Report Message v2 Multicast Listener Report Message v2 Multicast Listener Report Message v2
<u>Ф</u> айл <u>Пр</u>	34 74.141136 35 74.141157 шк. pcapng равка Вид Запус 10 № № Вид Запус 11 № № Вид Запус 12 № № Вид Запус 13 № № Вид Запус 14 № № Вид Запус 15 № № Вид Запус 16 № № Вид Запус 16 № Вид Запус 16 № Вид Запус 16 № Вид Запус 16 № Вид Запус 17 № Вид Запус 18 № Вид Запус 18 № Вид Запус 19	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Захват Анализ Статистик ск Захват Анализ ск Захват Ан	Фа:00:27:00:00:05 PCSSystemtec 65:6с а Телефония <u>Беспрово</u> Destination ff02::1 255.255.255.255 CDP/VTP/DTP/PAgP/U LDP_Multicast ff02::16 255.255.255.255 Broadcast Broadcast Broadcast Broadcast Broadcast Broadcast Broadcast Ff02::16 Broadcast Ff02::16 Broadcast Ff02::16 Broadcast Ff02::16 Broadcast ff02::16	ARP	Length	60 42 60 209 189 121 158 60 1 60 1 342 1 342 1 90 1 60 1 70 1 70 1 70 1 70 1 70 1 70 1 7	Info [Packet size limited during capture] [Packet size limited during capture] 5678 → 5678 Len=147 5678 → 5678 Len=147 Device ID: mt-01 Port ID: ether1 Mwl/08:00:27:17:c3:07 IM/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3 Tell 10.8.0.2 Who has 10.8.0 Tell 10.8.0.2 Multicast Listener Report Message v2 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3 Tell 10.8.0.2
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<u>Ф</u> айл <u>Пр</u>	34 74.141136 35 74.141157 мискреария вавка Вид Запус тime 1 0.000000 2 38.791206 3 38.791907 4 38.791907 4 38.791901 5 38.791901 6 38.860254 7 38.86420 8 38.895462 10 39.306403 11 39.426619 12 39.428032 13 39.426619 12 39.428032 13 39.426619 12 39.428032 13 39.426619 14 39.523902 15 39.952828 14 40.324286 18 40.993345 19 41.285731	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 CK Захват Анализ Статистик CR Ф Ф № 10 1 Source fe80::a00:27ff:fe65:6c:98 10.8.0.2 PCSSystemtec_65:6c:98 Fe80::a00:27ff:fec7:4b5a Fe80::a00:27ff:fec7:4b5a	Фа:00:27:00:00:05 PCSSystemtec 65:6с а Телефония <u>Б</u> еспрово резіпатіоп ff02::1 255.255.255.255 CDP/VTP/DTP/PAgP/U LLDP_MULTicast ff02::16 255.255.255.255 Broadcast Broadcast Broadcast ff02::1ffc7:4b5a 10.8.0.3 255.255.255.255 10.8.0.3 3 ff02::16 Broadcast ff02::16 Broadcast ff02::16 ff02::2 Broadcast ff02::16	ARP	Length	60 42 209 189 121 121 60 86 86 342 342 90 60 90 90 90 90 90	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05 Packet size limited during capture
<u>Ф</u> айл <u>Пр</u>	34 74.141136 35 74.141157 шк.рсарпо завка Вид Запус 10.0000000 2 38.791907 4 38.791907 4 38.791907 4 38.791907 4 38.868420 9 38.895462 10 39.300403 11 39.426619 12 39.428032 13 39.429678 14 39.523902 15 39.952829 16 40.324158 17 40.324586 18 40.993345 19 41.285731 20 44.515963	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Зажеат Анализ Статистик ск Зажеат Анализ ск З	Фа:00:27:00:00:05 PCSSystemtec 65:6c а Телефония <u>Беспрово</u> В	ARP	Length	60 42 60 209 189 121 158 60 1 60 1 342 1 342 1 90 1 70 1 60 1 90 1 70 1 70 1 70 1 70 1 70 1 70 1 7	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05 [Packet size limited during capture] 5678 → 5678 Len=147 5678 → 5678 Len=147 Device ID: mt-01 Port ID: ether1 MA/08:00:27:17:c3:07 IN/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3? Tell 10.8.0.2 Neighbor Solicitation for fe80::a00:27f DHCP Offer - Transaction ID 0xa76102 DHCP Request - Transaction ID 0xa76102 DHCP ACK - Transaction ID 0xa76102 UNITION TO THE STANDARD TENDER TENDER STANDARD TENDER TENDER STANDARD TENDER TENDER STANDARD TENDER TEND
<u>Ф</u> айл <u>Пр</u>	34 74.141136 35 74.141157 ULC. CORRESPOND ULC. CORRESPO	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Захват Анализ Статистик Стати	Фа:00:27:00:00:05 PCSSystemtec 65:6c а Телефония <u>Беспрово</u> В	ARP	Length	60 42 60 209 1189 121 158 90 160 160 160 160 160 170 160 170 170 170 170 170 170 170 170 170 17	Info [Packet size limited during capture] 5678 + 5678 Len=147 5678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1 NA/08:00:27:17:c3:07 IN/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2 Neighbor Solicitation for fe80::a00:27f DHCP Offer - Transaction ID 0xa76102 DHCP ACK - Transaction ID 0xa76102 DHCP ACK - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2
<u>Ф</u> айл <u>Пр</u>	34 74.141136 35 74.141157 шк.рсарпр равка Вид Запус ©	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 CK Зажеат Анализ Статистик CR Ф Ф № 10 10 Source fe80::a00:27ff:fe65:6c:98 10.8.0.2 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 Fe80::a00:27ff:fec7:4b5a fe80::a00:27ff:fec7:4b5a fe80::a00:27ff:fec7:4b5a fe80::a00:27ff:fec7:4b5a fe80::a00:27ff:fec7:4b5a fe80::a00:27ff:fec7:4b5a fe80::a00:27ff:fec7:4b5a fe80::a00:27ff:fe65:6c:98 fe80::a00:27ff:fe65:6c:98 fe80::a00:27ff:fe65:6c:98 fe80::a00:27ff:fe65:6c:98 fe80::a00:27ff:fe65:6c:98	Фа:00:27:00:00:05 PCSSystemtec 65:6с а Телефония Беспрово резіпатіоп Ff02::1 255.255.255.255 CDP/VTP/DTP/PAgP/U LLDP_MUHICast Ff02::16 255.255.255.255 Broadcast Broadcast Ff02::16 Ff02::16 Broadcast Ff02::16 Ff02::16 Ff02::16 Ff02::16 Ff02::16 Ff02::16 Ff02::16 Ff02::16 Ff02::16 Ff02::2 Froadcast Ff02::16 Ff02::2	ARP ARP ARP ARP ARP ARP ARP Protocol Ethernet MNDP MNDP MNDP CDP LLLDP ICMPv6 DHCP ARP ARP ICMPv6 DHCP DHCP DHCP ICMPv6	Length	60 42 60 42 60 189 189 121 158 199 199 199 199 199 199 199 199 199 19	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05 Packet size limited during capture S678 + 5678 Len=147 S678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1 May/00:00:27:17:c3:07 IM/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2 Multicast Listener Report Message v2 Who has 10.8.0.3? Tell 10.8.0.2 Multicast Listener Report Message v2 Router Solicitation from 08:00:27:c7:4b Who has 10.8.0.3? Tell 10.8.0.2 Multicast Listener Report Message v2 Router Solicitation from 08:00:27:c7:4b S678 + 5678 Len=147 S678 + 5678 Len=147
<u>Ф</u> айл <u>Пр</u>	34 74.141136 35 74.141157 шк.рсарпр равка Вид Запус ©	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Захват Анализ Статистик Стати	Фа:00:27:00:00:05 PCSSystemtec 65:6c а Телефония <u>Беспрово</u> В	ARP	Length	60 42 60 42 60 189 189 121 158 199 199 199 199 199 199 199 199 199 19	Info [Packet size limited during capture] 5678 + 5678 Len=147 5678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1 NA/08:00:27:17:c3:07 IN/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2 Neighbor Solicitation for fe80::a00:27f DHCP Offer - Transaction ID 0xa76102 DHCP ACK - Transaction ID 0xa76102 DHCP ACK - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2
<u>Ф</u> айл <u>П</u> р	34 74.141136 35 74.141157 шк.рсарпр равка Вид Запус ©	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 CK Зажеат Анализ Статистик CR Ф Ф № 10 10 Source fe80::a00:27ff:fe65:6c:98 10.8.0.2 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 Fe80::a00:27ff:fec7:4b5a fe80::a00:27ff:fec7:4b5a fe80::a00:27ff:fec7:4b5a fe80::a00:27ff:fec7:4b5a fe80::a00:27ff:fec7:4b5a fe80::a00:27ff:fec7:4b5a fe80::a00:27ff:fec7:4b5a fe80::a00:27ff:fe65:6c:98 fe80::a00:27ff:fe65:6c:98 fe80::a00:27ff:fe65:6c:98 fe80::a00:27ff:fe65:6c:98 fe80::a00:27ff:fe65:6c:98	Фа: 00: 27: 00: 00: 05 PCSSystemtec 65: 6c	ARP ARP ARP ARP ARP ARP ARP Protocol Ethernet MNDP MNDP MNDP CDP LLLDP ICMPv6 DHCP ARP ARP ICMPv6 DHCP DHCP DHCP ICMPv6	Length	60 42 60 209 121 158 90 121 158 60 1 842 1 342 1 90 1 70 70 90 1 70 1 209 1 121 1	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05 Packet size limited during capture S678 + 5678 Len=147 S678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1 May/00:00:27:17:c3:07 IM/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2 Multicast Listener Report Message v2 Who has 10.8.0.3? Tell 10.8.0.2 Multicast Listener Report Message v2 Router Solicitation from 08:00:27:c7:4b Who has 10.8.0.3? Tell 10.8.0.2 Multicast Listener Report Message v2 Router Solicitation from 08:00:27:c7:4b S678 + 5678 Len=147 S678 + 5678 Len=147
<u>Ф</u> айл <u>Пр</u>	34 74.141136 35 74.141157 UCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 СК Захват Анализ Статистик СТОТОВ СТОТОТОВ СТОТОВ СТОТОТОВ СТОТОВ СТОТОВ СТОТОВ СТОТОВ СТОТОВ СТОТОВ СТОТОВ СТОТОВ СТО	Фа:00:27:00:00:05 PCSSystemtec 65:6c а Телефония <u>Б</u> еспрово реstination ff02::1 255.255.255.255 CDP/VTP/DTP/PAgP/U LLDP_Multicast ff02::16 255.255.255.255 Broadcast Broadcast ff02::16 255.255.255.255 Broadcast ff02::16 ff02::2 CDP/VTP/DTP/PAgP/U LLDP_Multicast	ARP	Length	60 42 60 42 60 189 189 121 158 160 160 160 160 160 160 160 160 160 160	Info [Packet size limited during capture] 5678 + 5678 Len=147 5678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1 MA/08:00:27:717:c3:07 IM/ether1 121 SysN Multicast Listener Report Message v2 Who has 10.8.0.3? Tell 10.8.0.2 Neighbor Solicitation for fe80::a00:27/ Multicast Listener Report Message v2 More Ack - Transaction ID 0xa76102 Multicast Listener Report Message v2 More Ack - Transaction ID 0xa76102 Multicast Listener Report Message v2 Router Solicitation from 08:00:27:c7:4b More No. 10:00:00:00:00:00:00:00:00:00:00:00:00:0
<u>Ф</u> айл <u>П</u> р	34 74.141136 35 74.141157 шсреарпо завка Вид Запус ште фильтр отобр. Тіте 1 0.000000 2 38.791907 4 38.791907 4 38.791921 5 38.791921 6 38.8668264 7 38.866826 9 38.895462 10 39.300403 11 39.426619 12 39.426619	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Захват Анализ Статистик ск Захватистик ск Захв	Фа:00:27:00:00:05 PCSSystemtec 65:6c	ARP	Length	60 42 60 209 189 121 158 90 342 60 86 86 342 342	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05 [Packet size limited during capture] 5678 + 5678 Len=147 5678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1 NA/08:00:27:17:c3:07 IN/ether1 121 S Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3? Tell 10.8.0.2 Neighbor Solicitation for fe80::a00:0 DHCP Offer - Transaction ID 0xa76 DHCP Request - Transaction ID 0xa76
<u>Ф</u> айл <u>П</u> р	34 74.141136 35 74.141157 шсреарпо завка Вид Запус ште фильтр отобр. Тіте 1 0.000000 2 38.791907 4 38.791907 4 38.791921 5 38.791921 6 38.8668264 7 38.866826 9 38.895462 10 39.300403 11 39.426619 12 39.426619	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Захват Анализ Статистик ск Захватистик ск Захв	Фа:00:27:00:00:05 PCSSystemtec 65:6c	ARP	Length	60 42 60 209 189 121 158 90 342 60 86 86 342 342	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05 [Packet size limited during capture] 5678 + 5678 Len=147 5678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1 PAM/08:00:27:17:c3:07 IM/ether1 121 Sysk Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3? Tell 10.8.0.2 Neighbor Solicitation for fe80::a00:27f DHCP Offer - Transaction ID 0xa76102 DHCP Request - Transaction ID 0xa76102
<u>Ф</u> айл <u>П</u> р	34 74.141136 35 74.141157 ULX-pcaping Dataka Bud Bud Bud Bud Time 1 0.0000000 2 38.791769 3 38.791907 4 38.791901 6 38.866420 8 38.893679 9 38.893679 9 38.8936403 11 39.426619 12 39.426619 12 39.426631 31 39.426678	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Захват Анализ Статистик Стати	Фа:00:27:00:00:05 PCSSystemtec 65:6c а Телефония <u>Б</u> еспрово В	ARP	Length	60 42 60 209 189 121 158 90 342 60 342 342 342 342	Info [Packet size limited during capture] 5678 + 5678 Len=147 5678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1 MA/08:00:27:17:c3:07 IM/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3? Tell 10.8.0.2 Neighbor Solicitation for fe80::a00:27f DHCP Offer - Transaction ID 0xa76102 DHCP Request - Transaction ID 0xa76102 DHCP Request - Transaction ID 0xa76102 DHCP ACK - Transaction ID 0xa76102
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<u>Ф</u> айл <u>П</u> р	34 74.141136 35 74.141157 шкреарпа завка Вид Запус шкреарпа завка Вид Запус шкреарпа завка Вид Запус ните фильтр отобр. Тіте 1 0.000000 2 38.791997 4 38.791997 4 38.791991 5 38.895462 10 39.300403 11 39.42603 11 39.42603 12 39.429678 14 39.523902 15 39.952829	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Захват Анализ Статистик захват Анализ Статистик ск Захват Анализ ск Захватистик ск Захват Анализ ск Захват Анализ ск Захват Анализ с	Фа:00:27:00:00:05 PCSSystemtec 65:6c	ARP	Length	60 42 209 189 121 158 60 86 86 84 342 90 60 60 90 60	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05 [Packet size limited during capture] 5678 + 5678 Len=147 5678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1 PAM/08:00:27:17:c3:07 IN/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3? Tell 10.8.0.2 Neighbor Solicitation for fe80::a00:27f DHCP Offer - Transaction ID 0xa76102 DHCP ACK - Transaction ID 0xa76102 DHCP ACK - Transaction ID 0xa76102 DHCP ACK - Transaction ID 0xa76102 Multicast Listener Report Message v2 Who has 10.8.0.3? Tell 10.8.0.2
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<u>Ф</u> айл <u>Пр</u>	34 74.141136 35 74.141157 шкреарпа завка Вид Запус тіте 1 0.000000 2 38.791907 4 38.791907 4 38.791991 5 38.791991 5 38.895462 10 39.306403 11 39.42603 12 39.42603 13 39.429678 14 39.523902 15 39.952829 16 40.324213 17 40.324218 18 40.993345	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Захват Анализ Статистик Стати	Фа:00:27:00:00:05 PCSSystemtec 65:6c а Телефония <u>E</u> ecnpose В	ARP	Length	60 42 60 209 189 121 158 60 160 160 160 160 160 160 160 160 160	Info [Packet size limited during capture] 5678 + 5678 Len=147 5678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1 NA/08:00:27:17:c3:07 IN/ether1 121 SysN Multicast Listener Report Message v2 Who has 10.8.0.3? Tell 10.8.0.2 Who tell the t
<u>Ф</u> айл <u>Пр</u>	34 74.141136 35 74.141157 мискреария вавка Вид Запус тime 1 0.000000 2 38.791206 3 38.791907 4 38.791907 4 38.791901 5 38.791901 6 38.860254 7 38.86420 8 38.895462 10 39.306403 11 39.426619 12 39.428032 13 39.426619 12 39.428032 13 39.426619 12 39.428032 13 39.426619 14 39.523902 15 39.952828 14 40.324286 18 40.993345 19 41.285731	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 CK Захват Анализ Статистик CR Ф Ф № 10 1 Source fe80::a00:27ff:fe65:6c:98 10.8.0.2 PCSSystemtec_65:6c:98 Fe80::a00:27ff:fec7:4b5a Fe80::a00:27ff:fec7:4b5a	Фа:00:27:00:00:05 PCSSystemtec 65:6с а Телефония <u>Б</u> еспрово резіпатіоп ff02::1 255.255.255.255 CDP/VTP/DTP/PAgP/U LLDP_MULTicast ff02::16 255.255.255.255 Broadcast Broadcast Broadcast ff02::1ffc7:4b5a 10.8.0.3 255.255.255.255 10.8.0.3 3 ff02::16 Broadcast ff02::16 Broadcast ff02::16 ff02::2 Broadcast ff02::16	ARP	Length	60 42 209 189 121 121 60 86 86 342 342 90 60 90 90 90 90 90	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05 Packet size limited during capture
<u>Ф</u> айл <u>Пр</u>	34 74.141136 35 74.141157 шк.рсарпо завка Вид Запус 10.0000000 2 38.791907 4 38.791907 4 38.791907 4 38.791907 4 38.868420 9 38.895462 10 39.300403 11 39.426619 12 39.428032 13 39.429678 14 39.523902 15 39.952829 16 40.324158 17 40.324586 18 40.993345 19 41.285731 20 44.515963	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Зажеат Анализ Статистик ск Зажеат Анализ ск З	Фа:00:27:00:00:05 PCSSystemtec 65:6c а Телефония <u>Беспрово</u> В	ARP	Length	60 42 60 209 189 121 158 60 1 60 1 342 1 342 1 90 1 70 1 60 1 90 1 70 1 70 1 70 1 70 1 70 1 70 1 7	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05 [Packet size limited during capture] 5678 → 5678 Len=147 5678 → 5678 Len=147 Device ID: mt-01 Port ID: ether1 MA/08:00:27:17:c3:07 IN/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3? Tell 10.8.0.2 Neighbor Solicitation for fe80::a00:27f DHCP Offer - Transaction ID 0xa76102 DHCP Request - Transaction ID 0xa76102 DHCP ACK - Transaction ID 0xa76102 UNITION TO THE STANDARD TENDER TENDER STANDARD TENDER TENDER STANDARD TENDER TENDER STANDARD TENDER TEND
<u>Ф</u> айл <u>Пр</u>	34 74.141136 35 74.141157 ULC. CORRESPOND ULC. CORRESPO	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 ск Захват Анализ Статистик Стати	Фа:00:27:00:00:05 PCSSystemtec 65:6c а Телефония <u>Беспрово</u> В	ARP	Length	60 42 60 209 1189 121 158 90 160 160 160 160 160 170 160 170 170 170 170 170 170 170 170 170 17	Info [Packet size limited during capture] 5678 + 5678 Len=147 5678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1 NA/08:00:27:17:c3:07 IN/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2 Neighbor Solicitation for fe80::a00:27f DHCP Offer - Transaction ID 0xa76102 DHCP ACK - Transaction ID 0xa76102 DHCP ACK - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2
<u>Ф</u> айл <u>Пр</u>	34 74.141136 35 74.141157 шк.рсарпр равка Вид Запус ©	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 CK Зажеат Анализ Статистик CR Ф Ф № 10 10 Source fe80::a00:27ff:fe65:6c:98 10.8.0.2 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 PCSSystemtec_65:6c:98 Fe80::a00:27ff:fec7:4b5a fe80::a00:27ff:fec7:4b5a fe80::a00:27ff:fec7:4b5a fe80::a00:27ff:fec7:4b5a fe80::a00:27ff:fec7:4b5a fe80::a00:27ff:fec7:4b5a fe80::a00:27ff:fec7:4b5a fe80::a00:27ff:fe65:6c:98 fe80::a00:27ff:fe65:6c:98 fe80::a00:27ff:fe65:6c:98 fe80::a00:27ff:fe65:6c:98 fe80::a00:27ff:fe65:6c:98	Фа:00:27:00:00:05 PCSSystemtec 65:6с а Телефония Беспрово резіпатіоп Ff02::1 255.255.255.255 CDP/VTP/DTP/PAgP/U LLDP_MUHICast Ff02::16 255.255.255.255 Broadcast Broadcast Ff02::16 Ff02::16 Broadcast Ff02::16 Ff02::16 Ff02::16 Ff02::16 Ff02::16 Ff02::16 Ff02::16 Ff02::16 Ff02::16 Ff02::2 Froadcast Ff02::16 Ff02::2	ARP ARP ARP ARP ARP ARP ARP Protocol Ethernet MNDP MNDP MNDP CDP LLLDP ICMPv6 DHCP ARP ARP ICMPv6 DHCP DHCP DHCP ICMPv6	Length	60 42 60 42 60 189 189 121 158 199 199 199 199 199 199 199 199 199 19	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05 Packet size limited during capture S678 + 5678 Len=147 S678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1 May/00:00:27:17:c3:07 IM/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2 Multicast Listener Report Message v2 Who has 10.8.0.3? Tell 10.8.0.2 Multicast Listener Report Message v2 Router Solicitation from 08:00:27:c7:4b Who has 10.8.0.3? Tell 10.8.0.2 Multicast Listener Report Message v2 Router Solicitation from 08:00:27:c7:4b S678 + 5678 Len=147 S678 + 5678 Len=147
<u>Ф</u> айл <u>П</u> р	34 74.141136 35 74.141157 шк.рсарпо завка Вид Запус 10.000000 2 38.791907 4 38.791907 4 38.791931 6 38.868420 8 38.895462 10 39.300403 11 39.426619 12 39.428032 13 39.429678 14 39.523902 15 39.952829 16 40.324213 17 40.324586 18 40.993345 19 41.285731 20 44.515963 21 47.515403 22 47.515403 23 47.515903	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 СК Замеат Анализ Статистик СО Ф Ф № 10 10 В Ф Ф № 10 10 В Ф Ф № 10 10 В Ф Ф Ф № 10 В Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф	Фа: 00: 27: 00: 00: 05 PCSSystemtec 65: 6c	ARP	Length	60 42 60 209 121 158 90 121 158 60 1 842 1 342 1 90 1 70 70 90 1 70 1 209 1 121 1	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05 [Packet size limited during capture] 5678 → 5678 Len=147 5678 → 5678 Len=147 Device ID: mt-01 Port ID: ether1 MA/08:00:27:17:c3:07 IN/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3? Tell 10.8.0.2 Neighbor Solicitation for fe80::a00:27f DHCP Offer - Transaction ID 0xa76102 DHCP Request - Transaction ID 0xa76102 DHCP ACK - Transaction ID 0xa76102 UNLICAST Listener Report Message v2 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3? Tell 10.8.0.2 Multicast Listener Report Message v2 Router Solicitation from 08:00:27:c7:4b S678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1
<u>Ф</u> айл <u>Пр</u>	34 74.141136 35 74.141157 UCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 СК Захват Анализ Статистик СТОТОВ СТОТОТОВ СТОТОВ СТОТОТОВ СТОТОВ СТОТОВ СТОТОВ СТОТОВ СТОТОВ СТОТОВ СТОТОВ СТОТОВ СТО	Фа:00:27:00:00:05 PCSSystemtec 65:6c а Телефония <u>Б</u> еспрово реstination ff02::1 255.255.255.255 CDP/VTP/DTP/PAgP/U LLDP_Multicast ff02::16 255.255.255.255 Broadcast Broadcast ff02::16 255.255.255.255 Broadcast ff02::16 ff02::2 CDP/VTP/DTP/PAgP/U LLDP_Multicast	ARP ARP ARP ARP ARP ARP ARP ARP Protocol Ethernet MNDP MNDP CDP LLDP LLDP ICMPv6 DHCP ARP ARP ICMPv6 DHCP DHCP DHCP DHCP ICMPv6 ARP ICMPv6 ICMPv	Length	60 42 60 42 60 189 189 121 158 160 160 160 160 160 160 160 160 160 160	Info [Packet size limited during capture] 5678 + 5678 Len=147 5678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1 MA/08:00:27:717:c3:07 IM/ether1 121 SysN Multicast Listener Report Message v2 Who has 10.8.0.3? Tell 10.8.0.2 Neighbor Solicitation for fe80::a00:27/ Multicast Listener Report Message v2 More Ack - Transaction ID 0xa76102 Multicast Listener Report Message v2 More Ack - Transaction ID 0xa76102 Multicast Listener Report Message v2 Router Solicitation from 08:00:27:c7:4b More No. 10:00:00:00:00:00:00:00:00:00:00:00:00:0
<u>Ф</u> айл <u>Пр</u>	34 74.141136 35 74.141157 ш.с.рсарпо ш.с.рсарпо ш.с.рсарпо ш.с.рсарпо ш.с.рсарпо ш.с.рсарпо ш.с.рсарпо ш.с.рсарпо ш.с.рсарпо 10.000000 2 38.791769 3 38.791907 4 38.791907 4 38.791907 4 38.868420 10 39.300403 11 39.426619 12 39.428032 13 39.426619 12 39.428032 13 39.429678 14 49.952829 15 40.993345 18 40.993345 19 41.285731 20 44.515963 21 47.515403 22 47.515403 23 47.515903 24 47.515903	PCSSystemtec_65:6c:98 0a:00:27:00:00:05 СК Замеат Анализ Статистик СО Ф Ф № 10 10 В Ф Ф № 10 10 В Ф Ф № 10 10 В Ф Ф Ф № 10 В Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф	Фа:00:27:00:00:05 PCSSystemtec 65:6c a Телефония Беспрово ф № № Ф. Ф. Ф. Destination ff02::1 255.255.255.255 CDP/VTP/DTP/PAgP/U LLDP_Multreast ff02::16 255.255.255.255 Broadcast Broadcast ff02::16 Broadcast ff02::16 Broadcast ff02::16 ff02::2	ARP ARP ARP ARP ARP ARP ARP ARP Protocol Ethernet MNDP MNDP CDP LLDP LLDP ICMPv6 DHCP ARP ARP ICMPv6 DHCP DHCP DHCP DHCP ICMPv6 ARP ICMPv6 ICMPv	Length	60 42 60 209 121 121 1342 1342 1342 1342 1342 1342 1	Who has 10.8.0.1? Tell 10.8.0.2 10.8.0.1 is at 0a:00:27:00:00:05 [Packet size limited during capture] 5678 → 5678 Len=147 5678 → 5678 Len=147 Device ID: mt-01 Port ID: ether1 MA/08:00:27:17:c3:07 IN/ether1 121 SysN Multicast Listener Report Message v2 DHCP Discover - Transaction ID 0xa76102 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3? Tell 10.8.0.2 Neighbor Solicitation for fe80::a00:27f DHCP Offer - Transaction ID 0xa76102 DHCP Request - Transaction ID 0xa76102 DHCP ACK - Transaction ID 0xa76102 UNLICAST Listener Report Message v2 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3? Tell 10.8.0.2 Who has 10.8.0.3? Tell 10.8.0.2 Multicast Listener Report Message v2 Router Solicitation from 08:00:27:c7:4b S678 + 5678 Len=147 Device ID: mt-01 Port ID: ether1

Примените фильтр отображения ... < Ctrl-/>

