# МИНОБРНАУКИ РОССИИ САНКТ-ПЕТЕРБУРГСКИЙ ГОСУДАРСТВЕННЫЙ ЭЛЕКТРОТЕХНИЧЕСКИЙ УНИВЕРСИТЕТ «ЛЭТИ» ИМ. В.И. УЛЬЯНОВА (ЛЕНИНА) Кафедра МО ЭВМ

### ОТЧЕТ

по лабораторной работе №2 по дисциплине «Сети и телкомуникации»

Тема: Настройка таблиц маршрутизации.

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# Цель работы.

Изучение и практическое освоение методов статической маршрутизации на узлах сетевого уровня в IP-сетях.

### Задание.

- 1. Для всех узлов сети установить IP-адреса, маски подсетей и шлюзы по умолчанию, чтобы добиться успешного выполнения Echo-запроса ближайших соседей (находящихся в одной подсети).
- 2. Настроить таблицы маршрутизации на маршрутизаторах, чтобы добиться доставки пакетов от узла K1 к узлу K2 и обратно, от узла K2 к K3 и обратно, от узла K3 к K1 и обратно. Пакеты должны доходить до узлов кратчайшим путем.
- 3. Настроить таблицы маршрутизации на узлах K1, K2 и K3, чтобы обеспечить кратчайшую доставку пакетов между этими узлами, если это невозможно было обеспечить в п. 2.

В отчете привести конфигурацию TCP/IP для каждого из узлов, таблицы маршрутизации, результаты Echo-запросов между узлами K1, K2 и K3, а также обоснование правильности и оптимальности выбранных маршрутов.

# Вариант 13.

Файл со схемой сети: lab2\_var13.jfst. Все маршрутизаторы и компьютеры имеют адреса из диапазона 172.1.1.1 - 172.254.254.254. Обозначения в задании: K1 - PC1, K2 - PC2, K3 - PC3.

# Выполнение работы.

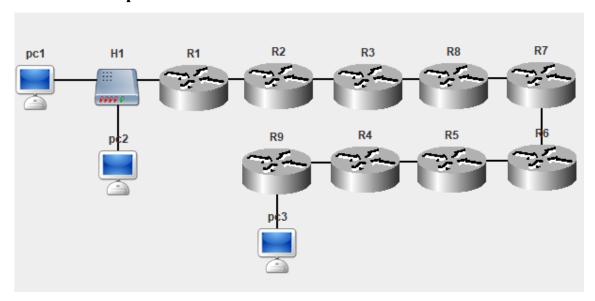


Рисунок 1. Схема сети.

# 1. Были установлены следующие настройки узлов:

Имя узла	Интерфейс	IP	Маска	Шлюз
pc1	eth0	172.1.1.1	255.255.255.0	172.1.1.11
pc2	eth0	172.1.1.2	255.255.255.0	172.1.1.11
pc3	eth0	172.1.10.3	255.255.255.0	172.1.10.19
R1	eth0	172.1.1.11	255.255.255.0	172.1.2.12
Kı	eth1	172.1.2.11	255.255.255.0	1/2.1.2.12
R2	eth0	172.1.2.12	255.255.255.0	172.1.3.13
K2	eth1	172.1.3.12	255.255.255.0	172.1.3.13
R3	eth0	172.1.3.13	255.255.255.0	172.1.8.18
K3	eth1	172.1.8.13	255.255.255.0	172.1.6.16
R4	eth0	172.1.9.14	255.255.255.0	172.1.9.19
K4	eth1	172.1.4.14	255.255.255.0	172.1.9.19
R5	eth0	172.1.4.15	255.255.255.0	172.1.4.14
	eth1	172.1.5.15	255.255.255.0	1/2.1.4.14
R6	eth0	172.1.6.16	255.255.255.0	172.1.5.15
	eth1	172.1.5.16		172.1.3.13

R7	eth0	172.1.7.17	255.255.255.0	172.1.6.16
K/	eth1	172.1.6.17	255.255.255.0	172.1.0.10
R8	eth0	172.1.8.18	255.255.255.0	172.1.7.17
Ko	eth1	172.1.7.18	255.255.255.0	1/2.1./.1/
R9	eth0	172.1.10.19	255.255.255.0	172.1.10.3
K9	eth1	172.1.9.19	255.255.255.0	172.1.10.3

2. Для корректной доставки пакетов было выделено десять подсетей. Первая включает в себя узлы PC1-R1-PC2, вторая включает узлы R1-R2, третья включает узлы R2-R3, четвертая включает R3-R8, пятая — R8-R7, шестая — R7-R6, седьмая — R6-R5, восьмая — R5-R4, девятая — R4-R9, десятая — R9-PC3.

Выполнен есһо-запрос с РС1 на РС2:

14.25.55-155	17.5	ппенасе	LIIIN	Internace euro state set to up:
15:31:34-400	pc1	Echo Request Packet	Network	Created Echo Request packet to 172.1.1.2
15:31:34-401	pc1	ARP Discovery Packet	DataLink	Created ARP discovery packet to source MAC address for IP 172.1.1.2
15:31:34-401	pc1	ARP_packet	Network	Sending broadcast packet from ProtocolStack.
15:31:34-401	pc1	Ethernet Packet	Link	Sending packet from interface C3:C4:2B:18:49:8E
15:31:34-401	pc2	Ethernet Packet	Link	Recieved and accepted packet at interface 3C:85:9B:6C:4F:40
15:31:34-401	pc2	ARP_packet	Network	ProtocolStack received packet from local Interface.
15:31:34-401	pc2	ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
15:31:34-401	pc2	ARP Response Packet	DataLink	Created ARP Response packet to 172.1.1.1
15:31:34-401	pc2	ARP_packet	Network	Sending packet from ProtocolStack (to 172.1.1.1).
15:31:34-401	pc2	Ethernet Packet	Link	Sending packet from interface 3C:85:9B:6C:4F:40
15:31:34-401	pc1	Ethernet Packet	Link	Recieved and accepted packet at interface C3:C4:2B:18:49:8E
15:31:34-401	pc1	ARP_packet	Network	ProtocolStack received packet from local Interface.
15:31:34-401	pc1	ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
15:31:34-401	R1	Ethernet Packet	Link	Recieved and dropped packet at interface AC:76:25:A4:1B:62
15:31:34-401	R1	Ethernet Packet	Link	Recieved and accepted packet at interface AC:76:25:A4:1B:62
15:31:34-401	R1	ARP_packet	Network	ProtocolStack received packet from local Interface.
15:31:34-402	pc1	ICMP_packet	Network	Sending packet from ProtocolStack (to 172.1.1.2).
15:31:34-402	pc1	Ethernet Packet	Link	Sending packet from interface C3:C4:2B:18:49:8E
15:31:34-402	pc2	Ethernet Packet	Link	Recieved and accepted packet at interface 3C:85:9B:6C:4F:40
15:31:34-402	pc2	ICMP_packet	Network	ProtocolStack received packet from local Interface.
15:31:34-402	pc2	ICMP_packet	Network	Confirmed Packet is for this Network Layer Device.
15:31:34-402	pc2	Echo Reply Packet	Network	Created Echo Reply packet to 172.1.1.1
15:31:34-402	pc2	ICMP_packet	Network	Sending packet from ProtocolStack (to 172.1.1.1).
15:31:34-402	pc2	Ethernet Packet	Link	Sending packet from interface 3C:85:9B:6C:4F:40
15:31:34-402	pc1	Ethernet Packet	Link	Recieved and accepted packet at interface C3:C4:2B:18:49:8E
15:31:34-402	pc1	ICMP_packet	Network	ProtocolStack received packet from local Interface.
15:31:34-402	pc1	ICMP_packet	Network	Confirmed Packet is for this Network Layer Device.
15:31:34-402	pc1	Echo Reply Packet	Network	Echo reply packet received from 172.1.1.2
15:31:34-402	R1	Ethernet Packet	Link	Recieved and dropped packet at interface AC:76:25:A4:1B:62
15:31:34-402	R1	Ethernet Packet	Link	Recieved and dropped packet at interface AC:76:25:A4:1B:62

Рисунок 2. echo-запрос с PC1 на PC2

Для маршрутизатора R1 добавление статического маршрута не потребовалось. Таблицы маршрутизации для узлов R2-R9:

(Codes: C - connected, S - static, R - RIP, B - BGP, O - OSPF, \* - candidate default)

# Маршрутизатор R2:

- S 172.1.1.0/255.255.255.0[0] via 172.1.2.11 (eth0)
- S\* default/0.0.0.0[0] via 172.1.3.13 (eth0)
- C 172.1.3.12/255.255.255.0 is directly connected, eth1
- C 172.1.2.12/255.255.255.0 is directly connected, eth0 Маршрутизатор R3:
- S 172.1.1.0/255.255.255.0[0] via 172.1.3.12 (eth0)
- S\* default/0.0.0.0[0] via 172.1.8.18 (eth0)
- C 172.1.8.13/255.255.255.0 is directly connected, eth1
- C 172.1.3.13/255.255.255.0 is directly connected, eth0 Маршрутизатор R4:
- S 172.1.1.0/255.255.255.0[0] via 172.1.4.15 (eth1)
- S\* default/0.0.0.0[0] via 172.1.9.19 (eth0)
- C 172.1.4.14/255.255.255.0 is directly connected, eth1
- C 172.1.9.14/255.255.255.0 is directly connected, eth0 Маршрутизатор R5:
- S 172.1.1.0/255.255.255.0[0] via 172.1.5.16 (eth1)
- S\* default/0.0.0.0[0] via 172.1.4.14 (eth0)
- C 172.1.5.15/255.255.255.0 is directly connected, eth1
- C 172.1.4.15/255.255.255.0 is directly connected, eth0 Маршрутизатор R6:
- S 172.1.1.0/255.255.255.0[0] via 172.1.6.17 (eth0)
- S\* default/0.0.0.0[0] via 172.1.5.15 (eth0)
- C 172.1.5.16/255.255.255.0 is directly connected, eth1
- C 172.1.6.16/255.255.255.0 is directly connected, eth0 Маршрутизатор R7:
- S 172.1.1.0/255.255.255.0[0] via 172.1.7.18 (eth0)
- S\* default/0.0.0.0[0] via 172.1.6.16 (eth0)
- C 172.1.6.17/255.255.255.0 is directly connected, eth1
- C 172.1.7.17/255.255.255.0 is directly connected, eth0

# Маршрутизатор R8:

- S 172.1.1.0/255.255.255.0[0] via 172.1.8.13 (eth0)
- S\* default/0.0.0.0[0] via 172.1.7.17 (eth0)
- C 172.1.7.18/255.255.255.0 is directly connected, eth1
- C 172.1.8.18/255.255.255.0 is directly connected, eth0 Маршрутизатор R9:
- S 172.1.1.0/255.255.255.0[0] via 172.1.9.14 (eth1)
- S\* default/0.0.0.0[0] via 172.1.10.3 (eth0)
- C 172.1.9.19/255.255.255.0 is directly connected, eth1
- C 172.1.10.19/255.255.255.0 is directly connected, eth0

# Был выполнен echo-запрос с PC1 на PC3:

17:36:04-688	рсЗ	Echo Request Packet	Network	Created Echo Request packet to 172.1.1.1
17:36:04-688	рс3	ARP Discovery Packet	DataLink	Created ARP discovery packet to source MAC address for IP 172.1.10.19
7:36:04-688	рс3	ARP packet	Network	Sending broadcast packet from ProtocolStack.
7:36:04-688	pc3	Ethernet Packet	Link	Sending packet from interface 72:70:53:98:88:A5
7:36:04-688	R9	Ethernet Packet	Link	Recieved and accepted packet at interface AF:1C:B8:55:65:77
7:36:04-688	R9	ARP_packet	Network	ProtocolStack received packet from local Interface.
7:36:04-688	R9	ARP packet	Network	Confirmed Packet is for this Network Layer Device.
7:36:04-688	R9	ARP Response Packet	DataLink	Created ARP Response packet to 172.1.10.3
7:36:04-688	R9	ARP packet	Network	Sending packet from ProtocolStack (to 172.1.10.3).
7:36:04-688	R9	Ethernet Packet	Link	Sending packet from interface AF:10:B8:55:65:77
7:36:04-688	pc3	Ethernet Packet	Link	Recieved and accepted packet at interface 72:7C:53:98:88:A5
7:36:04-688	pc3	ARP packet	Network	ProtocolStack received packet from local Interface.
7:36:04-688	pc3	ARP packet	Network	Confirmed Packet is for this Network Layer Device.
7:36:04-688	pc3	ICMP_packet	Network	Sending packet from ProtocolStack (to 172.1.10.19).
7:36:04-688	pc3	Ethernet Packet	Link	Sending packet from interface 72:7C:53:98:88:A5
7:36:04-688	R9	Ethernet Packet	Link	Recieved and accepted packet at interface AF:1C:B8:55:65:77
7:36:04-688	R9	ICMP_packet	Network	ProtocolStack received packet from local Interface.
7:36:04-688	R9	ICMP_packet	Network	Packet Received: Network Layer Device is Routable forwarding packet.
7:36:04-688	R9	ARP Discovery Packet	DataLink	Created ARP discovery packet to source MAC address for IP 172.1.9.14
7:36:04-688	R9	ARP_packet	Network	Sending broadcast packet from ProtocolStack.
7:36:04-688	R9	Ethernet Packet	Link	Sending packet from interface 1E:25:38:AB:4E:75
7:36:04-688	R4	Ethernet Packet	Link	Recieved and accepted packet at interface 9C:AF:67:C1:9E:87
7:36:04-688	R4	ARP_packet	Network	ProtocolStack received packet from local Interface.
7:36:04-688	R4	ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
7:36:04-688	R4	ARP Response Packet	DataLink	Created ARP Response packet to 172.1.9.19
7:36:04-688	R4	ARP_packet	Network	Sending packet from ProtocolStack (to 172.1.9.19).
7:36:04-688	R4	Ethernet Packet	Link	Sending packet from interface 9C:AF:67:C1:9E:87
7:36:04-688	R9	Ethernet Packet	Link	Recieved and accepted packet at interface 1E:25:38:AB:4E:75
7:36:04-688	R9	ARP_packet	Network	ProtocolStack received packet from local Interface.
7:36:04-688	R9	ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
7:36:04-688	R9	ICMP_packet	Network	Forwarding packet from ProtocolStack(to 172.1.9.14).
7:36:04-688	R9	Ethernet Packet	Link	Sending packet from interface 1E:25:38:AB:4E:75
7:36:04-688	R4	Ethernet Packet	Link	Recieved and accepted packet at interface 9C:AF:67:C1:9E:87
7:36:04-688	R4	ICMP_packet	Network	ProtocolStack received packet from local Interface.
7:36:04-688	R4	ICMP_packet	Network	Packet Received: Network Layer Device is Routable forwarding packet.
7:36:04-688	R4	ARP Discovery Packet	DataLink	Created ARP discovery packet to source MAC address for IP 172.1.4.15
7:36:04-688	R4	ARP_packet	Network	Sending broadcast packet from ProtocolStack.
7:36:04-688	R4	Ethernet Packet	Link	Sending packet from interface 81:91:12:8E:5B:B4
7:36:04-688	R5	Ethernet Packet	Link	Recieved and accepted packet at interface 65:14:AF:61:98:69
7:36:04-688	R5	ARP_packet	Network	ProtocolStack received packet from local Interface.
7:36:04-688	R5	ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
7:36:04-688	R5	ARP Response Packet	DataLink	Created ARP Response packet to 172.1.4.14
7:36:04-688	R5	ARP packet	Network	Sending packet from ProtocolStack (to 172.1.4.14).
7:36:04-688	R5	Ethernet Packet	Link	Sending packet from interface 65:14:AF:61:98:69
7:36:04-688	R4	Ethernet Packet	Link	Recieved and accepted packet at interface 81:91:12:8E:5B:B4
7:36:04-688	R4	ARP packet	Network	ProtocolStack received packet from local Interface.
7:36:04-688	R4	ARP packet	Network	Confirmed Packet is for this Network Layer Device.
7:36:04-688	R4	ICMP_packet	Network	Forwarding packet from ProtocolStack(to 172.1.4.15).
7:36:04-688	R4	Ethernet Packet	Link	Sending packet from interface 81:91:12:8E:5B:B4
7:36:04-688	R5	Ethernet Packet	Link	Recieved and accepted packet at interface 65:14:AF:61:98:69
7:36:04-688	R5	ICMP_packet	Network	ProtocolStack received packet from local Interface.
7:36:04-688	R5	ICMP_packet	Network	Packet Received: Network Layer Device is Routable forwarding packet.
7:36:04-688	R5	ARP Discovery Packet	DataLink	Created ARP discovery packet to source MAC address for IP 172.1.5.16

17:3		R5	ARP_packet	Network	Sending broadcast packet from ProtocolStack.
	36:04-688 36:04-688	R5	Ethernet Packet	Link	Sending packet from interface A9:AC:53:74:83:90
	36:04-688	R6	Ethernet Packet	Link	Recieved and accepted packet at interface 20:82:8D:25:13:5B
	36:04-688	R6	ARP_packet	Network	ProtocolStack received packet from local Interface.
	36:04-689	R6	ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
17:3	36:04-689	R6	ARP Response Packet	DataLink	Created ARP Response packet to 172.1.5.15
17:3	36:04-689	R6	ARP packet	Network	Sending packet from ProtocolStack (to 172.1.5.15).
17:1	36:04-689	R6	Ethernet Packet	Link	Sending packet from interface 20:82:8D:25:13:5B
	36:04-689	R5	Ethernet Packet	Link	Recieved and accepted packet at interface A9:AC:53:74:83:90
	36:04-689	R5	ARP_packet	Network	ProtocolStack received packet from local Interface.
	36:04-689	R5	ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
	36:04-689	R5	ICMP_packet	Network	Forwarding packet from ProtocolStack(to 172.1.5.16).
	36:04-689	R5	Ethernet Packet	Link	Sending packet from interface A9:AC:53:74:83:90
17:3	36:04-689	R6	Ethernet Packet	Link	Recieved and accepted packet at interface 20:82:8D:25:13:5B
17:3	36:04-689	R6	ICMP_packet	Network	ProtocolStack received packet from local Interface.
17:3	36:04-689	R6	ICMP_packet	Network	Packet Received: Network Layer Device is Routable forwarding packet.
	36:04-689	R6	ARP Discovery Packet	DataLink	Created ARP discovery packet to source MAC address for IP 172.1.6.17
	36:04-689	R6	ARP_packet	Network	Sending broadcast packet from ProtocolStack.
	36:04-689	R6	Ethernet Packet	Link	Sending packet from interface 72:96:57:2E:25:8F
	36:04-689	R7	Ethernet Packet	Link	Recieved and accepted packet at interface 9C:8E:33:76:42:C5
	36:04-689	R7	ARP_packet	Network	ProtocolStack received packet from local Interface.
	36:04-689	R7	ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
17:3	36:04-689	R7	ARP Response Packet	DataLink	Created ARP Response packet to 172.1.6.16
17:3	36:04-689	R7	ARP_packet	Network	Sending packet from ProtocolStack (to 172.1.6.16).
	36:04-689	R7	Ethernet Packet	Link	Sending packet from interface 9C:8E:33:76:42:C5
	36:04-689	R6	Ethernet Packet	Link	Recieved and accepted packet at interface 72:96:57:2E:25:8F
	36:04-689	R6	ARP_packet	Network	ProtocolStack received packet from local Interface.
	36:04-689	R6	ARP packet	Network	Confirmed Packet is for this Network Layer Device.
	36:04-689	R6	ICMP_packet	Network	Forwarding packet from ProtocolStack(to 172.1.6.17).
	36:04-689	R6	Ethernet Packet	Link	Sending packet from interface 72:96:57:2E:25:8F
	36:04-689	R7	Ethernet Packet	Link	Recieved and accepted packet at interface 9C:8E:33:76:42:C5
	36:04-689	R7	ICMP_packet	Network	ProtocolStack received packet from local Interface.
17:3	36:04-689	R7	ICMP_packet	Network	Packet Received: Network Layer Device is Routable forwarding packet.
	36:04-689	R7	ARP Discovery Packet	DataLink	Created ARP discovery packet to source MAC address for IP 172.1.7.18
	36:04-689	R7	ARP packet	Network	Sending broadcast packet from ProtocolStack.
	36:04-689	R7	Ethernet Packet	Link	Sending packet from interface 3A:A9:15:22:73:56
			Ethernet Packet		
	36:04-689	R8		Link	Recieved and accepted packet at interface 7A:83:7F:A5:2C:4B
	36:04-689	R8	ARP_packet	Network	ProtocolStack received packet from local Interface.
	36:04-689	R8	ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
17:3	36:04-689	R8	ARP Response Packet	DataLink	Created ARP Response packet to 172.1.7.17
17:3	36:04-689	R8	ARP_packet	Network	Sending packet from ProtocolStack (to 172.1.7.17).
17:3	36:04-689	R8	Ethernet Packet	Link	Sending packet from interface 7A:83:7F:A5:2C:4B
17:1	36:04-689	R7	Ethernet Packet	Link	Recieved and accepted packet at interface 3A:A9:15:22:73:56
	36:04-689	R7	ARP_packet	Network	ProtocolStack received packet from local Interface.
11.5	00.04 000	T C F	Arti _packet		
47.0	00-04-000	D7	ADD pookst		
	36:04-689	R7	ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
17:3	36:04-689	R7	ICMP_packet	Network Network	Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(to 172.1.7.18).
17:3 17:3	36:04-689 36:04-689	R7 R7	ICMP_packet Ethernet Packet	Network Network Link	Confirmed Packet is for this Network Layer Device.  Forwarding packet from ProtocolStack(to 172.1.7.18).  Sending packet from interface 3A:A9:15:22:73:56
17:3 17:3 17:3	36:04-689 36:04-689 36:04-689	R7	ICMP_packet	Network Network	Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(fo 172.1.7.18). Sending packet from interface 3A:A9:15:22:73:56 Recleved and accepted packet at interface 7A:83:7F:A5:2C:4B
17:3 17:3 17:3	36:04-689 36:04-689	R7 R7	ICMP_packet Ethernet Packet	Network Network Link	Confirmed Packet is for this Network Layer Device.  Forwarding packet from ProtocolStack(to 172.1.7.18).  Sending packet from interface 3A:A9:15:22:73:56
17:3 17:3 17:3 17:3	36:04-689 36:04-689 36:04-689	R7 R7 R8	ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet	Network Network Link Link	Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(fo 172.1.7.18). Sending packet from interface 3A:A9:15:22:73:56 Recleved and accepted packet at interface 7A:83:7F:A5:2C:4B
17:3 17:3 17:3 17:3 17:3	36:04-689 36:04-689 36:04-689 36:04-689 36:04-689	R7 R7 R8 R8 R8	ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet	Network Network Link Link Network Network	Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(to 172.1.7.18). Sending packet from interface 3A:A9:15:22:73:56 Recieved and accepted packet at interface 7A:83:7F:A5:2C:4B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet.
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17:3 17:3 17:3 17:3 17:3	36:04-689 36:04-689 36:04-689 36:04-689 36:04-689	R7 R7 R8 R8 R8	ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet	Network Network Link Link Network Network	Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(to 172.1.7.18). Sending packet from interface 3A:A9:15:22:73:56 Recieved and accepted packet at interface 7A:83:7F:A5:2C:4B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet.
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17:3 17:3 17:3 17:3 17:3 17:3	36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 36:04-689	R7 R7 R8 R8 R8 R8 R8 R8	ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet ARP Discovery Packet ARP_packet	Network Network Link Network Network DataLink Network	Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(to 172.17.18). Sending packet from interface 3A:A9:15:22:73:56 Recieved and accepted packet at interface 7A:83:7F:A5:2C:4B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172:1.8:13 Sending broadcast packet from ProtocolStack.  Sending packet from interface 34:B9:13:1F:1F:C2
17:3 17:3 17:3 17:3 17:3 17:3 17:3	36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 6:04-689 6:04-689	R7 R7 R8 R8 R8 R8 R8 R8	ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet ARP Discovery Packet ARP_packet LETHERNET PACKET LETHERNE	Network Network Link Link Network Network DataLink Network Link Link Link	Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(fo 172.1.7.18). Sending packet from interface 34:A9:15:22:73:56 Recleved and accepted packet at interface 7A:83:7F:A5:2C:4B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172.1.8.13 Sending broadcast packet from ProtocolStack.  Sending packet from interface 34:B9:13:1F:1F:C2 Recieved and accepted packet at interface B5:7A:64:37:6D:9E
17:3 17:3 17:3 17:3 17:3 17:3 17:3	36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 6:04-689 6:04-689 6:04-689	R7 R7 R8 R8 R8 R8 R8 R8	ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet ARP Discovery Packet ARP_packet LEthernet Packet LARP_packet LETHERMET LARP_packet LETHERMET LARP_packet LARP_packet LETHERMET LARPP_packet LETHERMET	Network Network Link Link Network Network DataLink Network Network Link Link Link Link Link Link Link Lin	Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(fo 172.1.7.18). Sending packet from interface 3A:A9:15:22:73:56 Recieved and accepted packet at interface 7A:83:7F:A5:2C:4B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172:1.8.13 Sending broadcast packet from ProtocolStack.  Sending packet from interface 34:B9:13:1F:1F:C2 Recieved and accepted packet at interface B5:7A:64:37:6D:9E ProtocolStack received packet from local Interface.
17:3 17:3 17:3 17:3 17:3 17:3 17:3 17:3	36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 6:04-689 6:04-689 6:04-689 6:04-689	R7 R7 R8 R8 R8 R8 R8 R8 R8	ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet ARP Discovery Packet ARP_packet LETHERNET Packet LETHERNET Packet LARP_packet LARP_packet LARP_packet LARP_packet LARP_packet LARP_packet LARP_packet L	Network Network Link Link Network Network DataLink Network Link Network Link Link Network Link Link Network	Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(to 172.1.7.18). Sending packet from interface 3A:A9:15:22:73:56 Recieved and accepted packet at interface 7A:83:7F:A5:2C:4B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172:1.8.13 Sending broadcast packet from ProtocolStack.  Sending packet from interface 34:B9:13:1F:1F:C2 Recieved and accepted packet at interface B5:7A:64:37:6D:9E ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device.
17:3 17:3 17:3 17:3 17:3 17:3 17:3 17:3	36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 6:04-689 6:04-689 6:04-689 6:04-689	R7 R7 R8 R8 R8 R8 R8 R8 R8	ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet ARP Discovery Packet ARP_packet  Ethernet Packet LEMEMET Packet LARP_packet LARP_packet  LARP_packet	Network Network Link Link Network Network DataLink Network Link Network Link Link Network Link Link Network	Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(fo 172.1.7.18). Sending packet from interface 3A:A9:15:22:73:56 Recieved and accepted packet at interface 7A:83:7F:A5:2C:4B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172:1.8.13 Sending broadcast packet from ProtocolStack.  Sending packet from interface 34:B9:13:1F:1F:C2 Recieved and accepted packet at interface B5:7A:64:37:6D:9E ProtocolStack received packet from local Interface.
17:3 17:3 17:3 17:3 17:3 17:3 17:3 17:3	36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 6:04-689 6:04-689 6:04-689 6:04-689	R7 R7 R8 R8 R8 R8 R8 R8 R8 R8 R3 R3 R3 R3	ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet ARP Discovery Packet ARP_packet  Ethernet Packet Ethernet Packet LARP_packet ICMP_packet ICMP_packet ARP_packet ICMP_packet ICMP_packet ICMP_packet ICMP	Network Network Link Link Network Network DataLink Network Link Network Network Link Link Network Network Link Network Network Link Network Link Network Link Link Link Link Link Link Link Lin	Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(to 172.1.7.18). Sending packet from interface 3A:A9:15:22:73:56 Recieved and accepted packet at interface 7A:83:7F:A5:2C:4B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172:1.8.13 Sending broadcast packet from ProtocolStack.  Sending packet from interface 34:B9:13:1F:1F:C2 Recieved and accepted packet at interface B5:7A:64:37:6D:9E ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device.
17:3 17:3 17:3 17:3 17:3 17:3 17:3 17:3	36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689	R7 R7 R8 R8 R8 R8 R8 R8 R8 R8 R8 R3 R3 R3 R3 R3 R3	ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet ARP Discovery Packet ARP_packet  Ethernet Packet LEthernet Packet LARP_packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet INARP_Response Packet INARP_packet INARP_p	Network Network Link Link Network Network DataLink Network Link Link Link Link Letwork	Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(fo 172.1.7.18). Sending packet from interface 3A:A9:15:22:73:56 Recieved and accepted packet at interface 7A:83:7F:A5:2C:4B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172.1.8.13 Sending broadcast packet from ProtocolStack.  Sending packet from interface 34:B9:13:1F:1F:C2 Recieved and accepted packet at interface B5:7A:64:37:6D:9E ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.8.18 Sending packet from ProtocolStack (to 172.1.8.18).
17:3 17:3 17:3 17:3 17:3 17:3 17:3 17:3	36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689	R7 R7 R8 R8 R8 R8 R8 R8 R8 R8 R3 R3 R3 R3 R3 R3 R3 R3 R3	ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet ARP Discovery Packet ARP_packet  LETHERNET Packet ETHERNET Packet LARP_packet LETHERNET LARPLET LARPLE	Network Network Link Link Network DataLink Network  ink Link Link Link Link Link Link Lin	Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(fo 172.1.7.18). Sending packet from interface 3A:A9:15:22:73:56 Recieved and accepted packet at interface 7A:83:7F:A5:2C:4B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172:1.8.13 Sending broadcast packet from ProtocolStack.  Sending packet from interface 34:B9:13:1F:1F:C2 Recieved and accepted packet at interface B5:7A:64:37:6D:9E ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172:1.8.18 Sending packet from ProtocolStack (to 172:1.8.18). Sending packet from ProtocolStack (to 172:1.8.18). Sending packet from Interface B5:7A:64:37:6D:9E
17:3 17:3 17:3 17:3 17:3 17:3 17:3 17:3	36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689	R7 R7 R8 R8 R8 R8 R8 R8 R8 R3 I R3 I R3 R3 R3 R3 R3 R3 R3	ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet ARP Discovery Packet ARP_packet  Ethernet Packet Lthernet Packet LARP_packet ARP_packet ARP_packet ARP_packet LARP_packet LARP_packet LETHERNET LARP_packet LETHERNET LARP_PACKET LETHERNET LARPPLACKET LARPPLACKE	Network Network Link Link Network Network DataLink Network Link Link Link Link Link Link Link Lin	Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(to 172.1.7.18). Sending packet from interface 3A:A9:15:22:73:56 Recieved and accepted packet at interface 7A:83:7F:A5:2C:4B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172:1.8.13 Sending broadcast packet from ProtocolStack.  Sending packet from interface 34:B9:13:1F:1F:C2 Recieved and accepted packet at interface B5:7A:64:37:6D:9E ProtocolStack received packet from local interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172:1.8.18 Sending packet from ProtocolStack (172:1.8.18). Sending packet from interface B5:7A:64:37:6D:9E Recieved and accepted packet at interface 34:B9:13:1F:1F:C2
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17:3 17:3 17:3 17:3 17:3 17:3 17:3 17:3	36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689	R7 R7 R8 R8 R8 R8 R8 R8 R3 I R3 R3 R3 R3 R3 R3 R3 R3 R3 R3 R3 R3 R3	ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet ARP Discovery Packet ARP_packet  Ethernet Packet Lthernet Packet LARP_packet ARP_packet ARP_packet LARP_packet LARP_pa	Network Network Link Link Network DataLink Network Ink Jetwork	Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(to 172.1.7.18). Sending packet from interface 3A:A9:15:22:73:56 Recieved and accepted packet at interface 7A:83:7F:A5:2C:4B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172.1.8.13 Sending broadcast packet from ProtocolStack.  Sending packet from interface 34:B9:13:1F:1F:C2 Recieved and accepted packet at interface B5:7A:64:37:6D:9E ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.8.18 Sending packet from ProtocolStack (to 172.1.8.18). Sending packet from interface B5:7A:64:37:6D:9E Recieved and accepted packet at interface 34:B9:13:1F:1F:C2 ProtocolStack received packet at interface 34:B9:13:1F:1F:C2 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack (to 172.1.8.13). Sending packet from ProtocolStack (to 172.1.8.13).
17:3 17:3 17:3 17:3 17:3 17:3 17:3 17:3	36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689 6:04-689	R7 R7 R8 R8 R8 R8 R8 R8 R8 R3 R3 R3 R3 R3 R3 R3 R3 R3 R3 R3 R3 R3	ICMP_packet Ethernet Packet Icthernet Packet ICMP_packet ICMP_packet ICMP_packet ARP Discovery Packet ARP_packet Ethernet Packet  Ethernet Packet ICMP_packet ICMP	Network Network Link Link Network Network Network Network Ink Ink Ink Ink Ink Ink Ink Ink Ink In	Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(fo 172.1.7.18). Sending packet from interface 3A:A9:15:22:73:56 Recieved and accepted packet at interface 7A:83:7F:A5:2C:4B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172.1.8.13 Sending broadcast packet from ProtocolStack.  Sending packet from interface 34:B9:13:1F:1F:C2 Recieved and accepted packet at interface B5:7A:64:37:6D:9E ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.8.18 Sending packet from ProtocolStack (to 172.1.8.18). Sending packet from Interface B5:7A:64:37:6D:9E Recieved and accepted packet at interface 34:B9:13:1F:1F:C2 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack (to 172.1.8.13). Sending packet from ProtocolStack(to 172.1.8.13). Sending packet from interface 34:B9:13:1F:1F:C2 Recieved and accepted packet at interface B5:7A:64:37:6D:9E
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17:3 17:3 17:3 17:3 17:3 17:3 17:3 17:3	36:04-689 36:04-689	R7 R7 R7 R8 R3 R3 R3 R3 R3 R8	ICMP_packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ARP Discovery Packet ARP_packet Ethernet Packet ICMP_packet	Network Network Link Link Network DataLink Network Ink Ink Ink Ink Ink Ink Ink Ink Ink In	Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(to 172.1.7.18). Sending packet from interface 3A:A9:15:22:73:56 Recieved and accepted packet at interface 7A:83:7F:A5:2C:4B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172.1.8.13 Sending broadcast packet from ProtocolStack.  Sending packet from interface 34:B9:13:1F:1F:C2 Recieved and accepted packet at interface B5:7A:64:37:6D:9E ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.8.18 Sending packet from ProtocolStack (to 172.1.8.18). Sending packet from Interface B5:7A:64:37:6D:9E Recieved and accepted packet at interface 34:B9:13:1F:1F:C2 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack (to 172.1.8.13). Sending packet from interface 34:B9:13:1F:1F:C2 Recieved and accepted packet at interface B5:7A:64:37:6D:9E ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet from ProtocolStack (conding packet from Interface B5:7A:64:37:6D:9E ProtocolStack received packet from ProtocolStack. Sending packet from interface 65:6F:41:7D:24:97 Recieved and accepted packet at interface AE:56:49:C0:AA:25 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP discovery packet to source MAC address for IP 172.1.3.12 Sending packet from Interface 65:6F:41:7D:24:97 Recieved and accepted packet at interface AE:56:49:C0:AA:25 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP discovery packet to miterface AE:56:49:C0:AA:25 Recieved and accepted packet at interface AE:66:49:C0:AA:25 Recieved and accepted packet at interface
17:3 17:3 17:3 17:3 17:3 17:3 17:3 17:3	36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 6:04-689	R7 R7 R7 R8 R3 R3 R3 R3 R3 R3 R8	ICMP_packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ARP Discovery Packet ARP_packet Ethernet Packet Ethernet Packet ICMP_packet	Network Network Link Link Network Network Network Network Network Ink Ink Network Netw	Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(to 172.1.7.18). Sending packet from interface 3A:A9:15:22:73:56 Recieved and accepted packet at interface 7A:83:7F:A5:2C:4B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172.1.8.13 Sending broadcast packet from ProtocolStack.  Sending packet from interface 34:B9:13:1F:1F:C2 Recieved and accepted packet at interface B5:7A:64:37:6D:9E ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.8.18 Sending packet from ProtocolStack (to 172.1.8.18). Sending packet from interface B5:7A:64:37:6D:9E Recieved and accepted packet at interface 34:B9:13:1F:1F:C2 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack (to 172.1.8.13). Sending packet from ProtocolStack (to 172.1.8.13). Sending packet from Interface 34:B9:13:1F:1F:C2 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Forwarding packet from interface 34:B9:13:1F:1F:C2 Recieved and accepted packet at interface B5:7A:64:37:6D:9E ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172.1.3.12 Sending broadcast packet from ProtocolStack. Sending packet from interface 65:6F:41:7D:24:97 Recieved and accepted packet at interface AE:56:49:C0:AA:25 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.3.13 Sending packet from ProtocolStack (to 172.1.3.13). Sending packet from ProtocolStack (to 172.1.3.13). Sending packet from ProtocolStack (to 172.1.3.14). Sending packet from ProtocolStack (to 172.1.3.12). Sending packet from Inte
17:3 17:3 17:3 17:3 17:3 17:3 17:3 17:3	36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 6:04-689	R7 R7 R7 R8 R8 R8 R8 R8 R8 R8 R8 R3 R3 R3 R3 R3 R3 R3 R3 R8	ICMP_packet Ethernet Packet IcMP_packet IC	Network Network Link Network DataLink Network Ink Ink Ink Ink Ink Ink Ink Ink Ink In	Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(to 172.1.7.18). Sending packet from interface 3A:A9:15:22:73:56 Recleved and accepted packet at interface 7A:83:7F:A5:2C:4B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172.1.8.13 Sending broadcast packet from ProtocolStack.  Sending packet from interface 34:B9:13:1F:1F:C2 Recleved and accepted packet at interface B5:7A:64:37:6D:9E ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.8.18 Sending packet from ProtocolStack (to 172.1.8.18). Sending packet from Interface B5:7A:64:37:6D:9E Recleved and accepted packet at interface 34:B9:13:1F:1F:C2 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack (to 172.1.8.13). Sending packet from Interface 34:B9:13:1F:1F:C2 ProtocolStack received packet at interface 34:B9:13:1F:1F:C2 Recieved and accepted packet at interface B5:7A:64:37:6D:9E ProtocolStack received packet from local Interface. Confirmed Packet from Interface 34:B9:13:1F:1F:C2 Recieved and accepted packet at interface B5:7A:64:37:6D:9E ProtocolStack received packet from local Interface. Created ARP discovery packet to source MAC address for IP 172.1.3.12 Sending broadcast packet from ProtocolStack. Sending packet from Interface 65:6F:41:7D:24:97 Recieved and accepted packet at interface AE:56:49:C0:AA:25 ProtocolStack received packet from local Interface. Confirmed Packet is for his Network Layer Device. Created ARP Response packet from local Interface. Confirmed Packet is for his Network Layer Device. Created ARP Response packet from local Interface. Confirmed Packet is for his Network Layer Device. Forwarding packet from interface AE:56:49:C0:AA:25 Recieved and accepted packet at interface 65:6F:41:7D:24:97 ProtocolSta
17:3 17:3 17:3 17:3 17:3 17:3 17:3 17:3	36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 36:04-689 6:04-689	R7 R7 R7 R7 R8 R3 R3 R3 R3 R3 R3 R8	ICMP_packet Ethernet Packet ICMP_packet IC	Network Network Link Link Network DataLink Network Ink Ink Ink Ink Ink Ink Ink Ink Ink In	Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(to 172.1.7.18). Sending packet from interface 3A:A9:15:22:73:56 Recieved and accepted packet at interface 7A:83:7F:A5:2C:4B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172.1.8.13 Sending broadcast packet from ProtocolStack.  Sending packet from interface 34:B9:13:1F:1F:C2 Recieved and accepted packet at interface B5:7A:64:37:6D:9E ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.8.18 Sending packet from ProtocolStack (to 172.1.8.18). Sending packet from interface B5:7A:64:37:6D:9E Recieved and accepted packet at interface 34:B9:13:1F:1F:C2 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack (to 172.1.8.13). Sending packet from ProtocolStack (to 172.1.8.13). Sending packet from Interface 34:B9:13:1F:1F:C2 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Forwarding packet from interface 34:B9:13:1F:1F:C2 Recieved and accepted packet at interface B5:7A:64:37:6D:9E ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172.1.3.12 Sending broadcast packet from ProtocolStack. Sending packet from interface 65:6F:41:7D:24:97 Recieved and accepted packet at interface AE:56:49:C0:AA:25 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.3.13 Sending packet from ProtocolStack (to 172.1.3.13). Sending packet from ProtocolStack (to 172.1.3.13). Sending packet from ProtocolStack (to 172.1.3.14). Sending packet from ProtocolStack (to 172.1.3.12). Sending packet from Inte

7:36:04-689	R1	Ethernet Packet	Link	Recieved and accepted packet at interface 1B:83:31:69:22:89
7:36:04-689	R1	ARP_packet	Network	ProtocolStack received packet from local Interface.
7:36:04-689 7:36:04-689	R1 R1	ARP_packet  ARP Response Packet	Network DataLink	Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.2.12
7:36:04-689	R1	ARP_packet	Network	Sending packet from ProtocolStack (to 172.1.2.12).
7:36:04-689	R1	Ethernet Packet	Link	Sending packet from interface 1B:83:31:69:22:89
7:36:04-689	R2	Ethernet Packet	Link	Recieved and accepted packet at interface 5D:90:98:59:33:54
7:36:04-689	R2	ARP_packet	Network	ProtocolStack received packet from local Interface.
7:36:04-689	R2	ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
7:36:04-689	R2	ICMP_packet	Network	Forwarding packet from ProtocolStack(to 172.1.2.11).
7:36:04-689	R2	Ethernet Packet	Link	Sending packet from interface 5D:90:98:59:33:54
7:36:04-689 7:36:04-689	R1	Ethernet Packet	Link Network	Recieved and accepted packet at interface 1B:83:31:69:22:89
7:36:04-689	R1 R1	ICMP_packet ICMP_packet	Network	ProtocolStack received packet from local Interface.  Packet Received: Network Layer Device is Routable forwarding packet.
7:36:04-689	R1	ARP Discovery Packet	DataLink	Created ARP discovery packet to source MAC address for IP 172.1.1.1
7:36:04-689	R1	ARP_packet	Network	Sending broadcast packet from ProtocolStack.
7:36:04-689	R1	Ethernet Packet	Link	Sending packet from interface 63:68:80:49:A2:AA
7:36:04-689	pc2	Ethernet Packet	Link	Recieved and accepted packet at interface 84:5A:C7:79:2D:C5
7:36:04-689	pc2	ARP_packet	Network	ProtocolStack received packet from local Interface.
7:36:04-689	pc1	Ethernet Packet	Link	Recieved and accepted packet at interface 35:C7:45:AB:21:1B
1:36:04-689	pc1	ARP_packet	Network	ProtocolStack received packet from local Interface.
7:36:04-689	pc1	ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
':36:04-689 ':36:04-689	pc1	ARP Response Packet	DataLink	Created ARP Response packet to 172.1.1.11
136:04-689	pc1 pc1	ARP_packet Ethernet Packet	Network Link	Sending packet from ProtocolStack (to 172.1.1.11). Sending packet from interface 35:C7:45:AB:21:1B
136:04-689	pc1 pc2	Ethernet Packet	Link	Recieved and dropped packet at interface 84:5A:C7:79:2D:C5
136:04-689	R1	Ethernet Packet	Link	Recieved and accepted packet at interface 64:5A:CF:79:2D:CS  Recieved and accepted packet at interface 63:68:80:49:A2:AA
136:04-689	R1	ARP packet	Network	ProtocolStack received packet from local Interface.
136:04-689	R1	ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
:36:04-689	R1	ICMP_packet	Network	Forwarding packet from ProtocolStack(to 172.1.1.1).
7:36:04-689	R1	Ethernet Packet	Link	Sending packet from interface 63:68:80:49:A2:AA
7:36:04-689	pc2	Ethernet Packet	Link	Recieved and dropped packet at interface 84:5A:C7:79:2D:C5
7:36:04-689	pc1	Ethernet Packet	Link	Recieved and accepted packet at interface 35:C7:45:AB:21:1B
7:36:04-689	pc1	ICMP_packet	Network	ProtocolStack received packet from local Interface.
7:36:04-689 7:36:04-689	pc1	ICMP_packet	Network	Confirmed Packet is for this Network Layer Device.
136:04-689	pc1 pc1	Echo Reply Packet ICMP_packet	Network Network	Created Echo Reply packet to 172.1.10.3  Sending packet from ProtocolStack (to 172.1.1.11).
7:36:04-689	pc1	Ethernet Packet	Link	Sending packet from interface 35:C7:45:AB:21:1B
7:36:04-689	pc2	Ethernet Packet	Link	Recieved and dropped packet at interface 84:5A:C7:79:2D:C5
7:36:04-689	R1	Ethernet Packet	Link	Recieved and accepted packet at interface 63:68:80:49:A2:AA
1:36:04-689	R1	ICMP_packet	Network	ProtocolStack received packet from local Interface.
1:36:04-689	R1	ICMP_packet	Network	Packet Received: Network Layer Device is Routable forwarding packet.
1:36:04-689	R1	ICMP_packet	Network	Forwarding packet from ProtocolStack(to 172.1.2.12).
7:36:04-689	R1	Ethernet Packet	Link	Sending packet from interface 1B:83:31:69:22:89
7:36:04-689	R2	Ethernet Packet	Link	Recieved and accepted packet at interface 5D:90:98:59:33:54
136:04-689	R2	ICMP_packet	Network	ProtocolStack received packet from local Interface.
7:36:04-689 7:36:04-689	R2 R2	ICMP_packet	Network	Packet Received: Network Layer Device is Routable forwarding packet.
7:36:04-689	R2	ICMP_packet Ethernet Packet	Network Link	Forwarding packet from ProtocolStack(to 172.1.3.13).  Sending packet from interface AE:56:49:C0:AA:25
7:36:04-689	R3	Ethernet Packet	Link	Recieved and accepted packet at interface 65:6F:41:7D:24:97
7:36:04-689	R3	ICMP_packet	Network	ProtocolStack received packet from local Interface.
7:36:04-689	R3	ICMP_packet	Network	Packet Received: Network Layer Device is Routable forwarding packet.
7:36:04-689	R3	ICMP_packet	Network	Forwarding packet from ProtocolStack(to 172.1.8.18).
1:36:04-689	R3	Ethernet Packet	Link	Sending packet from interface B5:7A:64:37:6D:9E
1:36:04-689	R8	Ethernet Packet	Link	Recieved and accepted packet at interface 34:B9:13:1F:1F:C2
:36:04-689	R8	ICMP_packet	Network	ProtocolStack received packet from local Interface.
	R8	ICMP_packet	Network	Packet Received: Network Layer Device is Routable forwarding packet.
:36:04-689	R8	ICMP_packet	Network	Forwarding packet from ProtocolStack(to 172.1.7.17).
1:36:04-689	R8	Ethernet Packet	Link	Sending packet from interface 7A:83:7F:A5:2C:4B
:36:04-689	R7	Ethernet Packet	Link	Recieved and accepted packet at interface 3A:A9:15:22:73:56
:36:04-689	R7	ICMP_packet	Network	ProtocolStack received packet from local Interface.
:36:04-689	R7	ICMP_packet	Network	Packet Received: Network Layer Device is Routable forwarding packet.
136:04-689	R7	ICMP_packet	Network	Forwarding packet from ProtocolStack(to 172.1.6.16). Sending packet from interface 9C:8E:33:76:42:C5
7:36:04-689 7:36:04-689	R7 R6	Ethernet Packet Ethernet Packet	Link Link	Recieved and accepted packet at interface 72:96:57:2E:25:8F
.50.04-008	110			ProtocolStack received packet from local Interface.
136:04-680	R6	IICMP packet	Menwork	
	R6 R6	ICMP_packet	Network Network	
:36:04-689	R6	ICMP_packet	Network	Packet Received: Network Layer Device is Routable forwarding packet.
1:36:04-689 1:36:04-689	R6 R6	ICMP_packet ICMP_packet		Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.5.15).
136:04-689 136:04-689 136:04-689	R6 R6 R6	ICMP_packet	Network Network	Packet Received: Network Layer Device is Routable forwarding packet.
1:36:04-689 1:36:04-689 1:36:04-689 1:36:04-690	R6 R6	ICMP_packet ICMP_packet Ethernet Packet	Network Network Link	Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.5.15). Sending packet from interface 20:82:8D:25:13:5B
136:04-689 136:04-689 136:04-689 136:04-690 136:04-690 136:04-690	R6 R6 R6 R5	ICMP_packet ICMP_packet Ethernet Packet Ethernet Packet	Network Network Link Link	Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.5.15). Sending packet from interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90
:36:04-689 :36:04-689 :36:04-689 :36:04-690 :36:04-690 :36:04-690 :36:04-690	R6 R6 R6 R5 R5 R5 R5	ICMP_packet ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet	Network Network Link Link Network Network Network	Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.5.15). Sending packet from Interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90 ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.4.14).
:36:04-689 :36:04-689 :36:04-690 :36:04-690 :36:04-690 :36:04-690 :36:04-690	R6 R6 R6 R5 R5 R5 R5 R5	ICMP_packet ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet Ethernet Packet	Network Network Link Link Network Network Network Link	Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.5.15). Sending packet from Interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90 ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.4.14). Sending packet from interface 65:14:AF:61:98:69
:36:04-689 :36:04-689 :36:04-690 :36:04-690 :36:04-690 :36:04-690 :36:04-690 :36:04-690	R6 R6 R6 R5 R5 R5 R5 R5 R5	ICMP_packet ICMP_packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet Ethernet Packet Ethernet Packet	Network Network Link Link Network Network Network Link Link	Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.5.15). Sending packet from interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90 ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.4.14). Sending packet from interface 65:14:AF:61:98:69 Recieved and accepted packet at interface 81:91:12:8E:5B:B4
136:04-689 136:04-689 136:04-689 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690	R6 R6 R6 R5 R5 R5 R5 R5 R5 R5 R4	ICMP_packet ICMP_packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet Ethernet Packet ICMP_packet	Network Network Link Link Network Network Network Link Link Network Network	Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.5.15). Sending packet from interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90 ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.4.14). Sending packet from interface 65:14:AF:61:98:69 Recieved and accepted packet at interface 81:91:12:8E:5B:B4 ProtocolStack received packet from local Interface.
136:04-689 136:04-689 136:04-689 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690	R6 R6 R5 R5 R5 R5 R5 R5 R4 R4	ICMP_packet ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet	Network Network Link Link Network Network Network Link Link Network Network Network	Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.5.15). Sending packet from interface 20:82:80:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90 ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.4.14). Sending packet from interface 65:14:AF:61:98:69 Recieved and accepted packet at interface 81:91:12:8E:5B:B4 ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet.
36:04-689 36:04-689 36:04-689 36:04-690 36:04-690 36:04-690 36:04-690 36:04-690 36:04-690 36:04-690 36:04-690	R6 R6 R6 R5 R5 R5 R5 R5 R4 R4	ICMP_packet ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet	Network Network Link Link Network Network Network Link Link Network Network Network Network Network	Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.5.15). Sending packet from interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90 ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.4.14). Sending packet from interface 65:14:AF:61:98:69 Recieved and accepted packet at interface 81:91:12:8E:5B:B4 ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.9.19).
136:04-689 136:04-689 136:04-689 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690	R6 R6 R6 R5 R5 R5 R5 R5 R4 R4 R4	ICMP_packet ICMP_packet Ethernet Packet ICMP_packet	Network Network Link Link Network Network Network Link Link Network Link Network Network Network	Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.5.15). Sending packet from interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90 ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.4.14). Sending packet from interface 65:14:AF:61:98:69 Recieved and accepted packet at interface 81:91:12:8E:5B:B4 ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.9.19). Sending packet from Interface 9C:AF:67:C1:9E:87
136:04-689 136:04-689 136:04-689 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690	R6 R6 R6 R5 R5 R5 R5 R5 R6 R4 R4 R4 R4	ICMP_packet ICMP_packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet	Network Network Link Link Network Network Network Link Link Network Network Network Network Network Network Network Link Link Link Link Link Link Link Lin	Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.5.15). Sending packet from interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90 ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.4.14). Sending packet from interface 65:14:AF:61:98:69 Recieved and accepted packet at interface 81:91:12:8E:5B:B4 ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.9.19). Sending packet from interface 9C:AF:67:C1:9E:87 Recieved and accepted packet at interface 1E:25:38:AB:4E:75
7:36:04-689 7:36:04-689 7:36:04-689 7:36:04-690 7:36:04-690 7:36:04-690 7:36:04-690 7:36:04-690 7:36:04-690 7:36:04-690 7:36:04-690 7:36:04-690 7:36:04-690 7:36:04-690	R6 R6 R6 R5 R5 R5 R5 R5 R4 R4 R4 R4 R4 R9	ICMP_packet ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet Ethernet Packet Ethernet Packet	Network Network Link Link Network Network Network Link Link Network Network Network Network Network Network Network Network Network Link Link Network	Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.5.15). Sending packet from interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90 ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.4.14). Sending packet from interface 65:14:AF:61:98:69 Recieved and accepted packet at interface 81:91:12:8E:5B:B4 ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.9.19). Sending packet from interface 9C:AF:67:C1:9E:87 Recieved and accepted packet at interface 1E:25:38:AB:4E:75 ProtocolStack received packet from local Interface.
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136:04-689 136:04-689 136:04-689 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690 136:04-690	R6 R6 R6 R5 R5 R5 R5 R4 R4 R4 R4 R9 R9 R9	ICMP_packet ICMP_packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet Ethernet Packet ICMP_packet	Network Network Link Link Network Network Network Link Link Network Network Network Network Network Network Link Link Network Link Link Link Network Link Link Link Link Link Link Link Lin	Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.5.15). Sending packet from interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90 ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.4.14). Sending packet from interface 65:14:AF:61:98:69 Recieved and accepted packet at interface 81:91:12:8E:5B:B4 ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.9.19). Sending packet from interface 9C:AF:67:C1:9E:87 Recieved and accepted packet at interface 1E:25:38:AB:4E:75 ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.10.3). Sending packet from Interface AF:10:B8:55:65:77 Recieved and accepted packet at interface 72:7C:53:98:88:A5
7:36:04-689 7:36:04-689 7:36:04-689 7:36:04-689 7:36:04-689 7:36:04-690	R6 R6 R6 R5 R5 R5 R5 R4 R4 R4 R4 R4 R9 R9 R9 R9	ICMP_packet ICMP_packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet	Network Network Link Link Network Network Link Link Link Network Link Network Network Network Network Network Network Link Link Network Link Link Link Link Link Link Link Lin	Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.5.15). Sending packet from interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A8:AC:53:74:83:90 ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.4.14). Sending packet from interface 65:14:AF:61:98:69 Recieved and accepted packet at interface 81:91:12:8E:5B:B4 ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from interface 9C:AF:67:C1:9E:87 Recieved and accepted packet at interface 1E:25:38:AB:4E:75 ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Forwarding packet from ProtocolStack(to 172.1.9.19).

Рисунки 3.1-3.5. есhо-запрос с РС1 на РС3

# Был выполнен echo-запрос с PC2 на PC3:

		Echo Request Packet	Network		cho Request packet to 172.1.1.2
		ARP Discovery Packet	DataLink		RP discovery packet to source MAC address for IP 172.1.10.19
		ARP_packet	Network		roadcast packet from ProtocolStack.
		Ethernet Packet Ethernet Packet	Link Link		acket from interface 72:7C:53:98:88:A5 and accepted packet at interface AF:1C:B8:55:65:77
		ARP_packet	Network		ack received packet from local Interface.
			Network		Packet is for this Network Layer Device.
			DataLink		RP Response packet to 172.1.10.3
		ARP_packet	Network	Sending pa	acket from ProtocolStack (to 172.1.10.3).
		Ethernet Packet	Link		acket from interface AF:1C:B8:55:65:77
		Ethernet Packet	Link		and accepted packet at interface 72:70:53:98:88:A5
		ARP_packet	Network		ack received packet from local Interface.
			Network Network		Packet is for this Network Layer Device.  acket from ProtocolStack (to 172.1.10.19).
		ICMP_packet Ethernet Packet	Link		acket from interface 72:7C:53:98:88:A5
		Ethernet Packet	Link		and accepted packet at interface AF:10:B8:55:65:77
		ICMP_packet	Network		ack received packet from local Interface.
			Network		ceived: Network Layer Device is Routable forwarding packet.
		ARP Discovery Packet	DataLink	Created AF	RP discovery packet to source MAC address for IP 172.1.9.14
			Network		oadcast packet from ProtocolStack.
		Ethernet Packet	Link		acket from interface 1E:25:38:AB:4E:75
		Ethernet Packet	Link		and accepted packet at interface 9C:AF:67:C1:9E:87
		ARP_packet ARP_packet	Network Network		ack received packet from local Interface.  Packet is for this Network Layer Device.
		ARP_packet ARP Response Packet	DataLink		RP Response packet to 172.1.9.19
		ARP_packet	Network		acket from ProtocolStack (to 172.1.9.19).
		Ethernet Packet	Link		acket from interface 9C:AF:67:C1:9E:87
		Ethernet Packet	Link		and accepted packet at interface 1E:25:38:AB:4E:75
		ARP_packet	Network		ack received packet from local Interface.
17:42:13-338	R9		Network		Packet is for this Network Layer Device.
			Network	Forwarding	packet from ProtocolStack(to 172.1.9.14).
		Ethernet Packet	Link		acket from interface 1E:25:38:AB:4E:75
		Ethernet Packet	Link		and accepted packet at interface 9C:AF:67:C1:9E:87
		ICMP_packet	Network		ack received packet from local Interface.
			Network		ceived: Network Layer Device is Routable forwarding packet.
	R4	ARP Discovery Packet ARP_packet	DataLink Network		RP discovery packet to source MAC address for IP 172.1.4.15 roadcast packet from ProtocolStack.
	R4	Ethernet Packet	Link		acket from interface 81:91:12:8E:5B:B4
		Ethernet Packet	Link		and accepted packet at interface 65:14:AF:61:98:69
		ARP_packet	Network		ack received packet from local Interface.
			Network		Packet is for this Network Layer Device.
17:42:13-338	R5	ARP Response Packet	DataLink	Created AF	RP Response packet to 172.1.4.14
			Network		acket from ProtocolStack (to 172.1.4.14).
		Ethernet Packet	Link		acket from interface 65:14:AF:61:98:69
		Ethernet Packet	Link		and accepted packet at interface 81:91:12:8E:5B:B4
		ARP_packet	Network Network		ack received packet from local Interface.  Packet is for this Network Layer Device.
			Network		g packet from ProtocolStack(to 172.1.4.15).
		Ethernet Packet	Link		acket from interface 81:91:12:8E:5B:B4
		Ethernet Packet	Link		and accepted packet at interface 65:14:AF:61:98:69
			Network		ack received packet from local Interface.
	DE				
17:42:13-338			Network		ceived: Network Layer Device is Routable forwarding packet.
17:42:13-338		ICMP_packet ARP Discovery Packet	Network DataLink		ceived: Network Layer Device is Routable forwarding packet. RP discovery packet to source MAC address for IP 172.1.5.16
17:42:13-338					
17:42:13-338			DataLink	Created AF	
17:42:13-338 17:42:13-338	R5	ARP Discovery Packet  ARP_packet  Ethernet Packet	DataLink	Created AF  Network  Link	RP discovery packet to source MAC address for IP 172.1.5.16
17:42:13-338 17:42:13-338 17:42:13-338	R5 R5 R5	ARP Discovery Packet  ARP_packet	DataLink	Created AF  Network  Link	RP discovery packet to source MAC address for IP 172.1.5.16  Sending broadcast packet from ProtocolStack.
17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338	R5 R5 R6	ARP Discovery Packet  ARP_packet  Ethernet Packet	DataLink	Created AF  Network  Link  Link	RP discovery packet to source MAC address for IP 172.1.5.16  Sending broadcast packet from ProtocolStack.  Sending packet from interface A9:AC:53:74:83:90
17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338	R5 R5 R6	ARP Discovery Packet  ARP_packet  Ethernet Packet  Ethernet Packet	DataLink	Created AF  Network  Link  Link	RP discovery packet to source MAC address for IP 172.1.5.16  Sending broadcast packet from ProtocolStack.  Sending packet from interface A9:AC:53:74:83:90  Recieved and accepted packet at interface 20:82:8D:25:13:5B
17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338	R5 R5 R6 R6 R6	ARP Discovery Packet  ARP_packet  Ethernet Packet  Ethernet Packet  ARP_packet	DataLink	Created AF  Network  Link  Link  Network  Network	Sending broadcast packet from ProtocolStack.  Sending packet from interface A9:AC:53:74:83:90  Recieved and accepted packet at interface 20:82:8D:25:13:5B  ProtocolStack received packet from local Interface.
17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338	R5 R5 R6 R6 R6 R6	ARP Discovery Packet  ARP_packet Ethernet Packet Ethernet Packet ARP_packet ARP_packet	DataLink	Created AF  Network  Link  Link  Network  Network  DataLink	Sending broadcast packet from ProtocolStack. Sending packet from interface A9:AC:53:74:83:90 Recieved and accepted packet at interface 20:82:8D:25:13:5B ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device.
17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338	R5 R5 R6 R6 R6 R6 R6 R6	ARP Discovery Packet  ARP_packet Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP Response Packet	DataLink	Created AF  Network  Link  Link  Network  Network  DataLink	Sending broadcast packet from ProtocolStack. Sending packet from interface A9:AC:53:74:83:90 Recieved and accepted packet at interface 20:82:8D:25:13:5B ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.5.15
17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338	R5 R5 R6 R6 R6 R6 R6 R6 R6	ARP Discovery Packet  ARP_packet Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet	DataLink	Created AF  Network  Link  Network  Network  DataLink  Network  Link	Sending broadcast packet from ProtocolStack. Sending packet from interface A9:AC:53:74:83:90 Recieved and accepted packet at interface 20:82:8D:25:13:5B ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.5.15 Sending packet from ProtocolStack (to 172.1.5.15). Sending packet from interface 20:82:8D:25:13:5B
17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338	R5 R5 R6 R6 R6 R6 R6 R6 R6 R6 R6 R6	ARP Discovery Packet  ARP_packet Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet	DataLink	Created AF  Network Link Link Network Network DataLink Network Link Link Link	Sending broadcast packet from ProtocolStack. Sending packet from interface A9:AC:53:74:83:90 Recieved and accepted packet at interface 20:82:8D:25:13:5B ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.15.15 Sending packet from ProtocolStack (to 172.1.5.15). Sending packet from interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90
17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338	R5 R5 R6 R6 R6 R6 R6 R6 R6 R6 R6 R6 R6 R6	ARP Discovery Packet  ARP_packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP Response Packet ARP_packet Ethernet Packet Ethernet Packet ARP_packet	DataLink	Created AF  Network  Link  Link  Network  Network  DataLink  Network  Link  Link  Link  Link  Link  Network	Sending broadcast packet from ProtocolStack. Sending packet from interface A9:AC:53:74:83:90 Recieved and accepted packet at interface 20:82:8D:25:13:5B ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.5.15 Sending packet from ProtocolStack (to 172.1.5.15). Sending packet from interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90 ProtocolStack received packet from local Interface.
17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338	R5 R5 R6 R6 R6 R6 R6 R6 R6 R6 R6 R6 R5 R5	ARP Discovery Packet  ARP_packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet ARP_packet ARP_packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet	DataLink	Created AF  Network  Link  Network  Network  DataLink  Network  Link  Link  Link  Network  Link  Link  Network	Sending broadcast packet from ProtocolStack. Sending packet from interface A9:AC:53:74:83:90 Recieved and accepted packet at interface 20:82:8D:25:13:5B ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.5.15 Sending packet from ProtocolStack (to 172.1.5.15). Sending packet from interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device.
17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338 17:42:13-338	R5 R5 R6 R6 R6 R6 R6 R6 R6 R6 R6 R7 R5 R5	ARP Discovery Packet  ARP_packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet ARP_packet ICMP_packet	DataLink	Created AF  Network Link Network Network DataLink Network Link Link Link Network Network Network	Sending broadcast packet from ProtocolStack. Sending packet from interface A9:AC:53:74:83:90 Recieved and accepted packet at interface 20:82:8D:25:13:5B ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.5.15 Sending packet from ProtocolStack (to 172.1.5.15). Sending packet from interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(to 172.1.5.16).
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17:42:13-338 17:42:13-338	R5 R5 R6 R6 R6 R6 R6 R6 R5 R5 R5 R5 R5 R5 R5 R7 R6 R6 R6 R6	ARP Discovery Packet  Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet Ethernet Packet ARP_packet ICMP_packet Ethernet Packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet	DataLink	Created AF  Network Link Network Network DataLink Network Link Link Network Link Link Network Network Network Network Network Link Link Link Link Link Link Link Network Network Network Network Network Network Network Network Network Link Network Network Network Network Link Link Link Link Link Link Link Lin	Sending broadcast packet from ProtocolStack. Sending packet from interface A9:AC:53:74:83:90 Recieved and accepted packet at interface 20:82:8D:25:13:5B ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.5.15 Sending packet from ProtocolStack (to 172.1.5.15). Sending packet from interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack (to 172.1.5.16). Sending packet from ProtocolStack (to 172.1.5.16). Sending packet from Interface A9:AC:53:74:83:90 Recieved and accepted packet at interface 20:82:8D:25:13:5B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172.1.6.17 Sending broadcast packet from ProtocolStack. Sending packet from interface 72:96:57:2E:25:8F Recieved and accepted packet at interface 9C:8E:33:76:42:C5 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device.
17:42:13-338 17:42:13-338	R5 R5 R5 R6 R6 R6 R6 R6 R5 R5 R5 R5 R5 R5 R7 R7 R7	ARP Discovery Packet  Ethernet Packet Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet Ethernet Packet ARP_packet ICMP_packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet	DataLink	Created AF  Network Link Network Network Network Network Network Link Link Network Network Network Network Link Link Network Link Link Network Network Link Link Network Network Network Network Network Network Network Network Link Network Network Network Link Network	Sending broadcast packet from ProtocolStack. Sending packet from interface A9:AC:53:74:83:90 Recieved and accepted packet at interface 20:82:8D:25:13:5B ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.5.15 Sending packet from ProtocolStack (to 172.1.5.15). Sending packet from interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack (to 172.1.5.16). Sending packet from interface A9:AC:53:74:83:90 Recieved and accepted packet at interface 20:82:8D:25:13:5B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172.1.6.17 Sending broadcast packet from Interface 72:96:57:2E:25:8F Recieved and accepted packet at interface 9C:8E:33:76:42:C5 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet from local Interface.
17:42:13-338 17:42:13-338	R5 R5 R5 R6 R6 R6 R6 R6 R5 R5 R5 R5 R5 R5 R7 R7 R7 R7	ARP Discovery Packet  Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet ARP_packet Ethernet Packet ARP_packet ICMP_packet Ethernet Packet ICMP_packet ICMP_packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet ARP_packet	DataLink	Created AF  Network Link Network Network DataLink Network Link Link Network Link Link Network Network Network Network Link Link Network Link Link Network Link Network Link Network Link Network	Sending broadcast packet from ProtocolStack. Sending packet from interface A9:AC:53:74:83:90 Recieved and accepted packet at interface 20:82:8D:25:13:5B ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.5.15 Sending packet from ProtocolStack (to 172.1.5.15). Sending packet from interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack (to 172.1.5.16). Sending packet from ProtocolStack (to 172.1.5.16). Sending packet from interface A9:AC:53:74:83:90 Recieved and accepted packet at interface 20:82:8D:25:13:5B ProtocolStack received packet at interface 20:82:8D:25:13:5B ProtocolStack received packet at interface Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172.1.6.17 Sending broadcast packet from ProtocolStack. Sending packet from interface 72:96:57:2E:25:8F Recieved and accepted packet at interface 9C:8E:33:76:42:C5 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.6.16 Sending packet from ProtocolStack (to 172.1.6.16).
17:42:13-338 17:42:13-338	R5 R5 R5 R6 R6 R6 R6 R6 R5 R5 R5 R5 R5 R5 R7 R7 R7 R7	ARP Discovery Packet  Ethernet Packet Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet Ethernet Packet ARP_packet ICMP_packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet	DataLink	Created AF  Network Link Network Network DataLink Network Link Link Network Link Link Network Network Network Network Link Link Network Link Link Network Link Network Link Link Network Link Network	Sending broadcast packet from ProtocolStack. Sending packet from interface A9:AC:53:74:83:90 Recieved and accepted packet at interface 20:82:8D:25:13:5B ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.5.15 Sending packet from ProtocolStack (to 172.1.5.15). Sending packet from interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack (to 172.1.5.16). Sending packet from interface A9:AC:53:74:83:90 Recieved and accepted packet at interface 20:82:8D:25:13:5B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172.1.6.17 Sending broadcast packet from Interface 72:96:57:2E:25:8F Recieved and accepted packet at interface 9C:8E:33:76:42:C5 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet from local Interface.
17:42:13-338 17:42:13-338	R5 R5 R5 R6 R6 R6 R6 R6 R5 R5 R5 R5 R5 R5 R7 R7 R7 R7 R7	ARP Discovery Packet  Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet ARP_packet Ethernet Packet ARP_packet ICMP_packet Ethernet Packet ICMP_packet ICMP_packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet ARP_packet	DataLink	Created AF  Network Link Network Network DataLink Network Link Link Network Link Link Network Network Network Network Link Link Network Link Link Network Link Network Link Link Network Link Network	Sending broadcast packet from ProtocolStack. Sending packet from interface A9:AC:53:74:83:90 Recieved and accepted packet at interface 20:82:8D:25:13:5B ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.5.15 Sending packet from ProtocolStack (to 172.1.5.15). Sending packet from interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack (to 172.1.5.16). Sending packet from ProtocolStack (to 172.1.5.16). Sending packet from interface A9:AC:53:74:83:90 Recieved and accepted packet at interface 20:82:8D:25:13:5B ProtocolStack received packet at interface 20:82:8D:25:13:5B ProtocolStack received packet at interface Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172.1.6.17 Sending broadcast packet from ProtocolStack. Sending packet from interface 72:96:57:2E:25:8F Recieved and accepted packet at interface 9C:8E:33:76:42:C5 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.6.16 Sending packet from ProtocolStack (to 172.1.6.16).
17:42:13-338 17:42:13-338	R5 R5 R6 R6 R6 R6 R6 R6 R5 R5 R5 R5 R5 R7 R7 R7 R7 R6	ARP Discovery Packet  Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet ICMP_packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet ARP_packet Ethernet Packet ARP_packet Ethernet Packet	DataLink	Created AF  Network Link Network Network DataLink Network Link Link Network Link Link Network Network Network Network Link Link Network Link Link Network Link Network DataLink Network DataLink Network Link Link Network DataLink Network Link Link Network Link Link Link Network Link Link Network Link Link Network Network Network Network Network Link Network Network Link Network Link Network Link Network Link Link Network Link Link Link Link Link Link Link Lin	Sending broadcast packet from ProtocolStack. Sending packet from interface A9:AC:53:74:83:90 Recieved and accepted packet at interface 20:82:8D:25:13:5B ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.5.15 Sending packet from ProtocolStack (to 172.1.5.15). Sending packet from interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack (to 172.1.5.16). Sending packet from ProtocolStack (to 172.1.5.16). Sending packet from interface A9:AC:53:74:83:90 Recieved and accepted packet at interface 20:82:8D:25:13:5B ProtocolStack received packet at interface 20:82:8D:25:13:5B ProtocolStack received packet at interface 20:82:8D:25:13:5B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172.1.6.17 Sending broadcast packet from ProtocolStack Sending packet from interface 72:96:57:2E:25:8F Recieved and accepted packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet from local Interface. Sending packet from ProtocolStack for ID Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.6.16 Sending packet from interface 9C:8E:33:76:42:C5
17:42:13-338 17:42:13-338	R5 R5 R6 R6 R6 R6 R6 R8 R5 R5 R5 R5 R5 R5 R7 R7 R7 R7 R6 R6 R6 R6 R6	ARP Discovery Packet  Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet ICMP_packet Ethernet Packet ICMP_packet ICMP_packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet ARP_packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet	DataLink	Created AF  Network Link Network Network DataLink Network Link Link Network Link Link Network Network Network Network Link Link Network Link Link Network Link Network DataLink Network DataLink Network Link Link Network DataLink Network Link Link Network Network Link Network Network Link Network Link Network Link Network Link Link Network Link Link Link Link Link Link Link Lin	Sending broadcast packet from ProtocolStack. Sending packet from interface A9:AC:53:74:83:90 Recieved and accepted packet at interface 20:82:8D:25:13:5B ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.15.15 Sending packet from ProtocolStack (to 172.15.15). Sending packet from interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(to 172.1.5.16). Sending packet from ProtocolStack(10:172.1.5.16). Sending packet from ProtocolStack(10:172.1.5.16). Sending packet from ProtocolStack(10:172.1.5.16). Sending packet from Interface A9:AC:53:74:83:90 Recieved and accepted packet at interface 20:82:8D:25:13:5B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172.1.6.17 Sending broadcast packet from ProtocolStack. Sending packet from interface 72:96:57:2E:25:8F Recieved and accepted packet at interface 9C:8E:33:76:42:C5 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.6.16 Sending packet from Interface 9C:8E:33:76:42:C5 Recieved and accepted packet at interface 72:96:57:2E:25:8F
17:42:13-338 17:42:13-338	R5 R5 R6 R6 R6 R6 R6 R6 R5 R5 R5 R5 R5 R7 R7 R7 R6 R6 R6 R6	ARP_Discovery Packet  Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet ARP_packet ICMP_packet Ethernet Packet ICMP_packet ICMP_packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet	DataLink	Created AF  Network Link Network Network DataLink Network Link Network Link Network Network Network Link Link Network Network Network Network Network Network Network Network Network Link Link Link Link Link Link Link Lin	Sending broadcast packet from ProtocolStack. Sending packet from interface A9:AC:53:74:83:90 Recieved and accepted packet at interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.5.15 Sending packet from interface 20:82:8D:25:13:5B Recieved and accepted packet to 172.1.5.15 Sending packet from ProtocolStack (to 172.1.5.15). Sending packet from interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(to 172.1.5.16). Sending packet from interface A9:AC:53:74:83:90 Recieved and accepted packet at interface 20:82:8D:25:13:5B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172.1.6.17 Sending broadcast packet from ProtocolStack. Sending packet from interface 72:96:57:2E:25:8F Recieved and accepted packet at interface 9C:8E:33:76:42:C5 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet from Iocal Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.6.16 Sending packet from ProtocolStack (to 172.1.6.16). Sending packet from Interface 9C:8E:33:76:42:C5 Recieved and accepted packet at interface 72:96:57:2E:25:8F ProtocolStack received packet at interface 72:96:57:2E:25:8F
17:42:13-338 17:42:13-338	R5 R5 R6 R6 R6 R6 R6 R6 R5 R5 R5 R5 R7 R7 R7 R7 R6 R6 R6 R6 R6 R6	ARP Discovery Packet  Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet Ethernet Packet ARP_packet Ethernet Packet ICMP_packet Ethernet Packet ICMP_packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet ARP_packet ARP_packet ARP_packet	DataLink	Created AF  Network Link Network Network DataLink Network Link Link Network Link Link Network Network Network Network Link Link Link Network Network Network Network Network Link Link Link Link Network Link Link Network Network Network Link Link Network Link Network Link Link Network	Sending broadcast packet from ProtocolStack. Sending packet from interface A9:AC:53:74:83:90 Recieved and accepted packet at interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172.1.5.15 Sending packet from interface 20:82:8D:25:13:5B ProtocolStack received packet kto 172.1.5.15 Sending packet from ProtocolStack (to 172.1.5.15). Sending packet from interface 20:82:8D:25:13:5B Recieved and accepted packet at interface A9:AC:53:74:83:90 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(to 172.1.5.16). Sending packet from interface A9:AC:53:74:83:90 Recieved and accepted packet at interface 20:82:8D:25:13:5B ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172.1.6.17 Sending broadcast packet from ProtocolStack. Sending packet from interface 72:96:57:2E:25:8F Recieved and accepted packet at interface 9C:8E:33:76:42:C5 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet from Iocal Interface. Confirmed Packet from Interface 9C:8E:33:76:42:C5 Recieved and accepted packet at interface 72:96:57:2E:25:8F ProtocolStack received packet at interface 72:96:57:2E:25:8F

7.42 19.30 PT		R7	Ethernet Packet	Link	Recieved and accepted packet at interface 9C:8E:33:76:42:C5
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17-21-1-33 R7 APP Discovery Packet Dutalian Cicled APP Secretory packet is source MU advers of P 172.17.16   17-21-1-35 R7 APP packet New Common Comm					
7.42 (1938) 87					
1742-173-30 PT Demont Placed List Reserved and accepting post at their broad institutes of PAST 774-67-69 1742-173-30 PS Demonstrated Process of Past 174-71-71 1742-173-30 PS Demonstrated Places Pla					
14-11-338   R.     APP_pacet   National Protection (Common Protectio					
7.42 (13.33) R8	17:42:13-338	R7	Ethernet Packet	Link	Sending packet from interface 3A:A9:15:22:73:56
174211-339 RB APP packet 174211-339 RB APP pac	17:42:13-338	R8	Ethernet Packet	Link	Recieved and accepted packet at interface 7A:83:7F:A5:2C:4B
### 174213-339 RG AMP Response Pastel Dualum Created AMP Response pasted to 1742.17.17  ### 174213-339 RG AMP Response Pastel Link ### 174213-339 RG Link Pastel ### 174213-339 RG AMP Response Pastel ### 174213-339 RG Link	17:42:13-338	R8	ARP packet	Network	ProtocolStack received packet from local Interface.
### 174213-339 RG AMP Response Pastel Dualum Created AMP Response pasted to 1742.17.17  ### 174213-339 RG AMP Response Pastel Link ### 174213-339 RG Link Pastel ### 174213-339 RG AMP Response Pastel ### 174213-339 RG Link	17:42:13-339	R8	ARP packet	Network	Confirmed Packet is for this Network Laver Device
174211-335 R3 APP_pacest					
1742 1333 RB   Element Packet   Link   Sending packet from interface 7A83 FF ASC 2AB   1742 1339 R7   Sending Packet   Network   Proboxibitor's review of packet from foci interface   1742 1339 R7   Sending Packet   Network   Proboxibitor's review of packet from foci interface   1742 1339 RB   Cement Packet   Link   Sending packet from microcolistor's 74 To 15 To 1					
## Fraction   Fraction					
1942(1-338) R7 APP_pacest 1942(1-339) R7 APP_pacest 1942(1-339) R7 APP_pacest 1942(1-339) R7 APP_pacest 1942(1-339) R7 Chemist Pacest 1942(1-339) R7 Chemist Pacest 1942(1-339) R7 Chemist Pacest 1942(1-339) R7 Chemist Pacest 1942(1-339) R8 Chemist					
19:42(1):339 R7 CUP_pacet Network Confirmed Pacets is for this Network Cupy Division (1997) 17:42(1):339 R7 CUP_pacet Network Cupy Division (1997) 19:42(1):339 R8 CUP_pacet Network Cupy Division (1997) 19:42(1):339 R8 CUP_pacet Network Pacets Network Lyer Pacets Network Pacets Network Pacets Network Lyer Pacets Network Pacets Network Pacets Network Lyer Pacets Network Pacets Network Lyer Pacets Network Pacets Network Lyer Pacets Network Lyer Pacets Network Lyer Pacets Network Pacets Network Lyer Pacets Network Pacets Network Lyer Pacets Network Lyer Pacets Network Pacet					
19:4211-339 R7 Ehmer Poxel  19:421-339 R8 Extended Poxel  19:421-3					
974219-339 R3 Cheme Packet Unix Review and accepted poset all intelligent AssT-ASS-CARB 174219-339 R3 ChUP-packet Network Profocolitions received packet from local interface 174219-339 R3 ChUP-packet Network Profocolitions received packet from local interface 174219-339 R3 ChUP-packet Network Profocolitions received packet from local interface 174219-339 R3 ChUP-packet Network Profocolitions and accepted packet from Profocolitions in the Packet Unix Received and accepted packet and interface STA-64-37-00 E 174219-339 R3 Cheme Packet Unix Received and accepted packet of interface STA-64-37-00 E 174219-339 R3 CAPP-packet Network Confirmed Packet in the Network University of Interface STA-64-37-00 E 174219-339 R3 CAPP-packet Network Confirmed Packet in the Network University of Interface STA-64-37-00 E 174219-339 R3 CHEME Packet Unix Received and accepted packet all interface STA-64-37-00 E 174219-339 R3 CHEME Packet Unix Received and accepted packet interface STA-64-37-00 E 174219-339 R3 CHEME Packet Unix Received and accepted packet interface STA-64-37-00 E 174219-339 R3 CHEME Packet Unix Received and accepted packet interface STA-64-37-00 E 174219-339 R3 CHEME Packet Unix Received and accepted packet interface STA-64-37-00 E 174219-339 R3 CHEME Packet Unix Received and accepted packet interface STA-64-37-00 E 174219-339 R3 CHEME Packet Unix Received and accepted packet interface STA-64-37-00 E 174219-339 R3 CHEME Packet Unix Received and accepted packet interface STA-64-37-00 E 174219-339 R3 CHEME Packet Unix Received and accepted packet interface STA-64-37-00 E 174219-339 R3 CHEME Packet Unix Received and accepted packet interface STA-64-37-00 E 174219-339 R3 CHEME Packet Unix Received and accepted packet interface STA-64-37-00 E 174219-339 R3 CHEME Packet Unix Received and accepted packet interface STA-64-37-00 E 174219-339 R3 CHEME Packet Unix Received Interface STA-64-37-00 E 174219-339 R3 CHEME Packet Unix Received Interface STA-64-37-00 E 174219-339 R3 CHEME Packet Unix Received Interface STA-64-37-00 E 1				Network	
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19-421-339 RB CAMP_packet Network Protocollabor received packet from local inferface Potential Packet Network Protocollabor received packet from local inferface Potential Packet Network Network Packet Network Net	17:42:13-339	R7	Ethernet Packet	Link	Sending packet from interface 3A:A9:15:22:73:56
19-421-339 RB CAMP_packet Network Protocollabor received packet from local inferface Potential Packet Network Protocollabor received packet from local inferface Potential Packet Network Network Packet Network Net	17:42:13-339	R8	Ethernet Packet	Link	Recieved and accepted packet at interface 7A:83:7F:A5:2C:4B
17-421-3339 R3 APP packet Network Packet Review Layer Device is Routable forwarding packet to 17-421-339 R3 APP packet Network Sending broadest packet from Pritocolibus. Prit 17-21-31 Network Sending packet from Intellege Packet Sending Packet Sending packet from Intellege Packet Sending Packet Sending packet from Intellege Packet Sending Packet Sending packet from Intellege Packet Network Sending packet from Intellege Packet Sending Packet					
17.421-333   R8   ARP Discovery Packet   DataLink   Created ARP discovery packet   Source MAC address for P. 172.18.13   Tr. 421-333   R8   Ethernet Packet   Link   Sending broadcast packet from ProtocolStack   Tr. 421-333   R8   Ethernet Packet   Link   Sending packet from interface 34.99.13.1F. IF.C2   Tr. 421-333   R3   Ethernet Packet   Link   Sending packet from interface 37.94.37.76.9E   Tr. 421-333   R3   Ethernet Packet   Link   Sending packet from the interface   Sending Art 421-43.37   R9   ARP packet   Alebert   ProtocolStack received packet from the interface   Sending Art 421-43.39   R3   ARP packet   Alebert   Coatlumb   Coat					·
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17.4219-339   R3					
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17.421-339 R3 APP_packet					
17.421-339 R3 APP_packet	17:42:13-339	R3	ARP_packet	Network	ProtocolStack received packet from local Interface.
174219-339 R3 APP Response Packet Network Created ARP Response packet to 172.18.19 (174219-339) R3 APP packet Link Rending packet from interface BS-7x4-9-370.99 (174219-339) R8 Ethemel Packet Link Rending packet from interface BS-7x4-9-370.99 (174219-339) R8 APP packet Network Created packet statisfier S-498-91.19 (174219-339) R8 APP packet Network Confirmed Packet is for this Network Liyer Device. (174219-339) R8 APP packet Network Confirmed Packet is for this Network Liyer Device. (174219-339) R3 CMP packet Network Confirmed Packet is for this Network Liyer Device. (174219-339) R3 CMP packet Network Confirmed Packet is for this Network Liyer Device. (174219-339) R3 CMP packet Network Protocol/Stack received packet from Incidence 248-91.19 (174219-339) R3 CMP packet Network Protocol/Stack received packet from Incidence 248-91.19 (174219-339) R3 CMP packet Network Network Liver Device is Routable flowarding packet Protocol/Stack received packet is some MAC address for IP 172.1 3.12 (174219-339) R3 APP packet Network Liver Device is Routable flowarding packet Protocol/Stack State (174219-339) R3 APP packet Network Liver Device is Routable flowarding packet (174219-339) R3 APP packet Network Liver Device is Routable flowarding packet (174219-339) R3 APP packet Network Liver Device State (174219-339) R3 APP packet Network Liver Device State (174219-339) R3 APP packet Network Protocol/Stack received packet is network APP Response Packet Network Confirmed Packet is for this Network Liver Device. (174219-339) R3 APP packet Network Device Network Network Device		R3	ARP_packet	Network	
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17-221-3-339   R8					
17.4219-339   R8   CMP_packet   Network   Forwarding packet from interface 4 B91315-17-62   Procession   Pr					
17-421-3339 R3 Ehmerl Packet Link Redeved and accepted packet thom local interface 57-744-17-80 SE 17-421-3339 R3 CMP, packet Network ProtocolStack received packet from local interface 17-7421-3339 R3 CMP, packet Network ProtocolStack received packet from local interface 17-7421-3339 R3 CMP, packet Network Layer Device is Routable forwarding packet 17-7421-3339 R3 ARP packet Network Layer Device is Routable forwarding packet 17-7421-3339 R3 ARP packet Network Layer Device Interface 85-67-817-02-497 (17-421-3339 R2) Ehmerl Packet Link Redeved and accepted packet at Interface 85-67-817-02-497 (17-421-3339 R2) ARP packet Network Layer Device Interface 85-67-817-02-497 (17-421-3339 R2) ARP packet Network Confirmed Packet Link Redeved and accepted packet thom local interface 85-67-817-02-497 (17-421-3339 R2) ARP packet Network Confirmed Packet Link Sending packet from interface 85-67-817-02-497 (17-421-3339 R2) ARP packet Network Confirmed Packet Link Sending packet from interface 85-67-817-02-497 (17-421-3339 R2) ARP packet Network Confirmed Packet Link Sending packet from interface 85-67-817-02-497 (17-421-3339 R2) ARP packet Network Confirmed Packet Link Sending packet from interface 85-67-817-02-497 (17-421-3339 R2) Ehmerl Packet Link Redeved and accepted packet from local interface 85-67-817-02-497 (17-421-3339 R3) (2MP-packet Network Confirmed Packet Link Redeved and accepted packet from local interface 85-67-817-02-497 (17-421-3339 R3) (2MP-packet Network Link Redeved and accepted packet from local interface 85-67-817-02-497 (17-421-3339 R2) (2MP-packet Network Link Redeved and accepted packet from local interface 85-67-817-02-497 (17-421-3339 R2) (2MP-packet Link Redeved and accepted packet from local interface 85-67-817-02-497 (17-421-3339 R2) (2MP-packet Network Link Packet Link Redeved and accepted packet from local interface 85-67-81-91-91-91-91-91-91-91-91-91-91-91-91-91					
174213-339 R3   CMP_packet   Network   ProfocoState received packet of interface BS-76-64-37-60-9E				Network	Forwarding packet from ProtocolStack(to 172.1.8.13).
174213-339 R3   CIMP_packet   Network   Professiblater received packet of micro land packet   Network   Professiblater received packet from local interface   Professiblater received packet   Professiblater recei	17:42:13-339	R8	Ethernet Packet	Link	Sending packet from interface 34:B9:13:1F:1F:C2
174213-339 R3   ICMP_packet   Network   Packet Received packet from local inferface   174213-339 R3   APP_packet   Network   Packet Received   Packet Network   Packet Received Network   Packet Recei	17:42:13-339	R3	Ethernet Packet	Link	Recieved and accepted packet at interface B5:7A:64:37:6D:9E
174213339 R3 APP Discovery Packet  174213339 R3 Ehemel Packet  174213339 R2 Ehemel Packet  174213339 R2 APP Discovery Packet  174213339 R2 APP Response Packet  174213339 R2 APP Response Packet  174213339 R2 APP Discovery Packet  174213339 R2 APP Discovery Packet  174213339 R3 APP Discovery Packet  174213339 R2 Ehemel Packet  174213339 R3 Ehemel Packet  174213339 R					
174213-339 R3					·
17.421-3339 R3					
174213-339 R2		-			
174213339 R2					
174213339 R2					
174213339 R2				Link	Recieved and accepted packet at interface AE:56:49:C0:AA:25
174213-339 R2 ARP packet   DataLink   Created ARP Response packet to 172.13.13     174213-339 R2 ARP packet   Network   Sending packet from interface AE 56.49 CO.A.2.5     174213-339 R3 Ethemel Packet   Link   Sending packet from interface AE 56.49 CO.A.2.5     174213-339 R3 ARP packet   Network   ProtocolStack received packet and interface AE 56.49 CO.A.2.5     174213-339 R3 ARP packet   Network   ProtocolStack received packet and interface AE 56.49 CO.A.2.5     174213-339 R3 COLPP_packet   Network   Confirmed Packet is for this Network Layer Device     174213-339 R3 COLPP_packet   Network   Confirmed Packet is for this Network Layer Device     174213-339 R3 COLPP_packet   Network   Network   Confirmed Packet is for this Network Layer Device     174213-339 R2   Ethemet Packet   Link   Recleved and accepted packet at interface AE 56.49 CO.A.2.5     174213-339 R2   COLPP_packet   Network   Network   Packet Received and accepted packet to call interface     174213-339 R2   ICMP_packet   Network   Packet Received Packet from Call Interface     174213-339 R2   ICMP_packet   Network   Packet Received Network Layer Device is Routable forwarding packet     174213-339 R2   ARP Discovery Packet   Network   Packet Received Network Layer Device is Routable forwarding packet     174213-339 R2   ARP_packet   Network   Packet Received Network Layer Device is Routable forwarding packet     174213-339 R1   ARP_packet   Network   Packet Received Network   Packet Network     174213-339 R1   ARP_packet   Network   Packet Received Network   Packet Network     174213-339 R1   ARP_packet   Network   Packet Received Network   Packet Network     174213-339 R1   ARP_packet   Network   Packet Network   Packet Network     174213-339 R1   ARP_packet   Network   Packet Network   Packet Network     174213-339 R1   ARP_packet   Network   Packet Network   Packet Network     174213-339 R2   ARP_packet   Network   Packet Network   Packet Network   Packet Network     174213-339 R2   ARP_packet   Network   Packet Network   Packet Network   Pack	17:42:13-339	R2	ARP_packet	Network	ProtocolStack received packet from local Interface.
174213-339 R2   Ethernet Packet   Link   Sending packet from interface ASS 67-417D 24:97	17:42:13-339	R2	ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
174213-339 R2   Ethernet Packet   Link   Sending packet from interface ASS 67-417D 24:97	17:42:13-339	R2	ARP Response Packet	DataLink	Created ARP Response packet to 172.1.3.13
174213-339 R3 Ethernet Packet Link Sending packet from interface AE-56-49 COAA25 174213-339 R3 ARP_packet Network ProtocolStack received packet interface 65-67-4170-24-97 174213-339 R3 ARP_packet Network Confirmed Packet is for this Network Layer Device. 174213-339 R3 ICMP_packet Network Confirmed Packet is for this Network Layer Device. 174213-339 R3 Ethernet Packet Link Sending packet from inocal interface 65-67-417D-24-97 174213-339 R2 Ethernet Packet Link Recieved and accepted packet at interface AE-56-49-0-AA-25 174213-339 R2 Ethernet Packet Link Recieved and accepted packet at interface AE-56-49-0-AA-25 174213-339 R2 ICMP_packet Network Packet Received packet at interface AE-56-49-0-AA-25 174213-339 R2 ICMP_packet Network Packet Received Packet at interface AE-56-49-0-AA-25 174213-339 R2 ICMP_packet Network Packet Received AP-40-0-AC-40-AC-	17:42:13-339			Network	
174213-339 R3					
174213-339 R3   APP_packet   Network   ProtocolStack received packet from local interface   174213-339 R3   APP_packet   Network   Network   Forwarding packet from Interface 65-6F-41-7D-24-97   174213-339 R3   Ethernet Packet   Link   Sending packet from Interface 65-6F-41-7D-24-97   174213-339 R2   Ethernet Packet   Link   Recieved and accepted packet at Interface AE-56-49-CO-AA-25   174213-339 R2   ICMP_packet   Network   ProtocolStack received packet from Interface AE-56-49-CO-AA-25   174213-339 R2   ICMP_packet   Network   ProtocolStack received packet from local Interface   174213-339 R2   ICMP_packet   Network   Packet Received Network Layer Device is Routable forwarding packet   174213-339 R2   ARP Discovery Packet   Network   Packet Received Network Layer Device is Routable forwarding packet   174213-339 R2   ARP Discovery Packet   Network   Packet Received Network Layer Device is Routable forwarding packet   174213-339 R2   ARP Discovery Packet   Network   Sending broadcast packet from ProtocolStack   174213-339 R2   Ethernet Packet   Link   Sending packet from Interface 5D-90-98-59-33-54   174213-339 R1   ARP_packet   Network   Received and accepted packet at Interface 18-33-169-22-89   174213-339 R1   ARP_packet   Network   Received and accepted packet from Incola Interface   174213-339 R1   ARP_packet   Network   Network   ProtocolStack received packet from Incola Interface   174213-339 R1   ARP_packet   Network   Network   Received and accepted packet from Incola Interface   174213-339 R1   ARP_packet   Network   Network   Network   Received and accepted packet from Incola Interface   174213-339 R1   ARP_packet   Network					
17.4213-339 R3   ARP_packet   Network   Confirmed Packet is for this Network Layer Device					
17.42.13-339   R3   ICMP_packet   Network   Forwarding packet from ProtocolStack(to 172.1.3.12).     17.42.13-339   R2   Ethernet Packet   Link   Recieved and accepted packet at interface AE.56.49.CO-AA.25     17.42.13-339   R2   ICMP_packet   Network   ProtocolStack received Packet from local Interface.     17.42.13-339   R2   ICMP_packet   Network   ProtocolStack received Packet from local Interface.     17.42.13-339   R2   ICMP_packet   Network   ProtocolStack received Packet from local Interface.     17.42.13-339   R2   ARP_packet   Network   Packet Received. ARP discovery packet is source MAC address for IP 172.1.2.11     17.42.13-339   R2   ARP_packet   Network   Sending packet from Interface SD.90.98.59.33.54     17.42.13-339   R1   Ethernet Packet   Link   Received and accepted packet at interface IB.89.31.69.22.89     17.42.13-339   R1   ARP_packet   Network   ProtocolStack received packet from Incal Interface.     17.42.13-339   R1   ARP_packet   Network   ProtocolStack received packet from Incal Interface.     17.42.13-339   R1   ARP_packet   Network   ProtocolStack received packet from Incal Interface.     17.42.13-339   R1   ARP_packet   Network   Confirmed Packet is for Insertance ID.90.98.59.33.54     17.42.13-339   R1   ARP_packet   Network   Sending packet from Incal Interface IB.83.31.69.22.89     17.42.13-339   R2   Ethernet Packet   Link   Recieved and accepted packet at interface SD.90.98.59.33.54     17.42.13-339   R2   Ethernet Packet   Link   Recieved and accepted packet from Incal Interface IB.83.31.69.22.89     17.42.13-339   R2   Ethernet Packet   Link   Recieved and accepted packet at interface SD.90.98.59.33.54     17.42.13-339   R2   Ethernet Packet   Link   Recieved and accepted packet from Incal Interface   Response Packet   Received Interface IB.83.31.69.22.89     17.42.13-339   R2   Ethernet Packet   Link   Recieved and accepted packet from Incal Interface   Response Packet   Network   ProtocolStack received packet from Incal Interface   Response Packet   Network   ProtocolSt					
17.42:13-339 R2 Ethernet Packet Link Recieved and accepted packet to interface AE.56.49:CO:AA-25 17.42:13-339 R2 CIMP_packet Network ProtocolStack received packet from local Interface. 17.42:13-339 R2 CIMP_packet Network Packet Received Data (Apr Device Is Routable forwarding packet 17.42:13-339 R2 ARP packet Network Packet Received Data (Apr Device Is Routable forwarding packet 17.42:13-339 R2 ARP packet Network Sending broadcast packet from ProtocolStack (Apr 17.42:13-339 R2 ARP packet Network Sending packet from Interface 50:90:98:59:33-54 17.42:13-339 R1 Ethernet Packet Link Received and accepted packet from Incal Interface 17.42:13-339 R1 ARP packet Network ProtocolStack received packet from Incal Interface 17.42:13-339 R1 ARP packet Network ProtocolStack received packet from Incal Interface 17.42:13-339 R1 ARP packet Network ProtocolStack received packet from Incal Interface 17.42:13-339 R1 ARP packet Network ProtocolStack (ProtocolStack from Incal Interface 17.42:13-339 R1 ARP packet Network Sending packet from Incal Interface 17.42:13-339 R1 ARP packet Link Sending packet from Interface 17.42:12:12 17.42:13-339 R1 Ethernet Packet Link Sending packet from Interface 18.83:31:69:22:89 17.42:13-339 R2 Ethernet Packet Link Sending packet from Interface 18.83:31:69:22:89 17.42:13-339 R2 ARP packet Network Confirmed Packet is for this Network Layer Device. 17.42:13-339 R2 ARP packet Network Confirmed Packet from Interface 18.83:31:69:22:89 17.42:13-339 R2 Ethernet Packet Link Sending packet from Interface 50:90:98:59:33:54 17.42:13-339 R3 R3 Ethernet Packet Link Sending packet from Interface 50:90:98:59:33:54 17.42:13-339 R3 R1 Ethernet Packet Link Sending packet from Interface 50:90:98:59:33:54 17.42:13-339 R3 R1 Ethernet Packet Link Sending packet from Interface 50:90:98:59:33:54 17.42:13-339 R3 R1 Ethernet Packet Link Sending packet from Interface 50:90:98:59:33:54 17.42:13-339 R3 R1 Ethernet Packet Link Sending packet from Interface 50:90:98:59:33:54 17.42:13-339 R3 R1 Ethernet Packet Link Sending packet f					
17-42:13-339   R2   Ethernet Packet   Link   Recieved and accepted packet at interface AE-56-49-00-AA-25     17-42:13-339   R2   ICMP_packet   Network   ProtocolStack received packet from local interface.     17-42:13-339   R2   ARP Discovery Packet   DataLink   Created ARP discovery packet to source MAC address for IP 172.1.2.11     17-42:13-339   R2   ARP Discovery Packet   Network   Recieved Network Layer Device is Routable forwarding packet     17-42:13-339   R2   ARP Discovery Packet   Network   Sending broadcast packet from ProtocolStack     17-42:13-339   R2   Ethernet Packet   Link   Sending packet from Interface 5D:90:98.59.33:54     17-42:13-339   R1   ARP_packet   Network   Recieved and accepted packet at interface 18:83:31:69:22:89     17-42:13-339   R1   ARP_packet   Network   Recieved packet from Interface 18:83:31:69:22:89     17-42:13-339   R1   ARP_packet   Network   Sending packet from ProtocolStack (b 172:12:12)     17-42:13-339   R1   ARP_packet   Network   Sending packet from Interface 18:83:31:69:22:89     17-42:13-339   R1   ARP_packet   Network   Sending packet from Interface 5D:90:98:59:33:54     17-42:13-339   R1   ARP_packet   Link   Recieved and accepted packet from Interface 18:83:31:69:22:89     17-42:13-339   R2   ARP_packet   Network   Recieved and accepted packet from Interface 18:33:16:9:22:89     17-42:13-339   R2   ARP_packet   Network   Recieved and accepted packet from Interface 18:33:16:9:22:89     17-42:13-339   R2   ARP_packet   Network   Recieved and accepted packet from Interface 5D:90:98:59:33:54     17-42:13-339   R2   ARP_packet   Network   Recieved and accepted packet from Interface 5D:90:98:59:33:54     17-42:13-339   R2   ICMP_packet   Network   Recieved and accepted packet interface 18:33:16:9:22:89     17-42:13-339   R1   ICMP_packet   Network   Recieved and accepted packet from Interface 18:33:16:9:22:89     17-42:13-339   R1   ICMP_packet   Network   Recieved and accepted packet from Interface 18:33:16:9:22:89     17-42:13-339   R1   ARP_packet   Network	17:42:13-339	R3	ICMP_packet	Network	Forwarding packet from ProtocolStack(to 172.1.3.12).
17-42:13-339   R2   Ethernet Packet   Link   Recieved and accepted packet at interface AE-56-49-00-AA-25     17-42:13-339   R2   ICMP_packet   Network   ProtocolStack received packet from local interface.     17-42:13-339   R2   ARP Discovery Packet   DataLink   Created ARP discovery packet to source MAC address for IP 172.1.2.11     17-42:13-339   R2   ARP Discovery Packet   Network   Recieved Network Layer Device is Routable forwarding packet     17-42:13-339   R2   ARP Discovery Packet   Network   Sending broadcast packet from ProtocolStack     17-42:13-339   R2   Ethernet Packet   Link   Sending packet from Interface 5D:90:98.59.33:54     17-42:13-339   R1   ARP_packet   Network   Recieved and accepted packet at interface 18:83:31:69:22:89     17-42:13-339   R1   ARP_packet   Network   Recieved packet from Interface 18:83:31:69:22:89     17-42:13-339   R1   ARP_packet   Network   Sending packet from ProtocolStack (b 172:12:12)     17-42:13-339   R1   ARP_packet   Network   Sending packet from Interface 18:83:31:69:22:89     17-42:13-339   R1   ARP_packet   Network   Sending packet from Interface 5D:90:98:59:33:54     17-42:13-339   R1   ARP_packet   Link   Recieved and accepted packet from Interface 18:83:31:69:22:89     17-42:13-339   R2   ARP_packet   Network   Recieved and accepted packet from Interface 18:33:16:9:22:89     17-42:13-339   R2   ARP_packet   Network   Recieved and accepted packet from Interface 18:33:16:9:22:89     17-42:13-339   R2   ARP_packet   Network   Recieved and accepted packet from Interface 5D:90:98:59:33:54     17-42:13-339   R2   ARP_packet   Network   Recieved and accepted packet from Interface 5D:90:98:59:33:54     17-42:13-339   R2   ICMP_packet   Network   Recieved and accepted packet interface 18:33:16:9:22:89     17-42:13-339   R1   ICMP_packet   Network   Recieved and accepted packet from Interface 18:33:16:9:22:89     17-42:13-339   R1   ICMP_packet   Network   Recieved and accepted packet from Interface 18:33:16:9:22:89     17-42:13-339   R1   ARP_packet   Network					
17-42:13-339   R2   Ethernet Packet   Link   Recieved and accepted packet at interface AE-56-49-00-AA-25     17-42:13-339   R2   ICMP_packet   Network   ProtocolStack received packet from local interface.     17-42:13-339   R2   ARP Discovery Packet   DataLink   Created ARP discovery packet to source MAC address for IP 172.1.2.11     17-42:13-339   R2   ARP Discovery Packet   Network   Recieved Network Layer Device is Routable forwarding packet     17-42:13-339   R2   ARP Discovery Packet   Network   Sending broadcast packet from ProtocolStack     17-42:13-339   R2   Ethernet Packet   Link   Sending packet from Interface 5D:90:98.59.33:54     17-42:13-339   R1   ARP_packet   Network   Recieved and accepted packet at interface 18:83:31:69:22:89     17-42:13-339   R1   ARP_packet   Network   Recieved packet from Interface 18:83:31:69:22:89     17-42:13-339   R1   ARP_packet   Network   Sending packet from ProtocolStack (b 172:12:12)     17-42:13-339   R1   ARP_packet   Network   Sending packet from Interface 18:83:31:69:22:89     17-42:13-339   R1   ARP_packet   Network   Sending packet from Interface 5D:90:98:59:33:54     17-42:13-339   R1   ARP_packet   Link   Recieved and accepted packet from Interface 18:83:31:69:22:89     17-42:13-339   R2   ARP_packet   Network   Recieved and accepted packet from Interface 18:33:16:9:22:89     17-42:13-339   R2   ARP_packet   Network   Recieved and accepted packet from Interface 18:33:16:9:22:89     17-42:13-339   R2   ARP_packet   Network   Recieved and accepted packet from Interface 5D:90:98:59:33:54     17-42:13-339   R2   ARP_packet   Network   Recieved and accepted packet from Interface 5D:90:98:59:33:54     17-42:13-339   R2   ICMP_packet   Network   Recieved and accepted packet interface 18:33:16:9:22:89     17-42:13-339   R1   ICMP_packet   Network   Recieved and accepted packet from Interface 18:33:16:9:22:89     17-42:13-339   R1   ICMP_packet   Network   Recieved and accepted packet from Interface 18:33:16:9:22:89     17-42:13-339   R1   ARP_packet   Network	17:42:13-339	R3	Ethernet Packet	Link	Sending packet from interface 65:6F:41:7D:24:97
17-42:13-339   R2   ICMP_packet   Network   ProtocolStack received packet from local Interface.	17:42:13-339	R2	Ethernet Packet	Link	
17.42:13-339   R2   ICMP_packet   Network   Packet Received: Network Layer Device is Routable forwarding packet     17.42:13-339   R2   ARP Discovery Packet   Network   Sending broadcast packet from ProtocolStack     17.42:13-339   R2   Ethernet Packet   Link   Sending broadcast packet from Interface 5D:90:98:59:33:54     17.42:13-339   R1   Ethernet Packet   Link   Sending packet from Interface 5D:90:98:59:33:54     17.42:13-339   R1   ARP_packet   Network   ProtocolStack received packet at interface 1B:83:1:69:22:89     17.42:13-339   R1   ARP_packet   Network   ProtocolStack received packet to Interface     17.42:13-339   R1   ARP_packet   Network   Confirmed Packet is for this Network Layer Device     17.42:13-339   R1   ARP_packet   Network   Sending packet from ProtocolStack (to 172.12.12)     17.42:13-339   R1   Ethernet Packet   Link   Sending packet from Interface 1B:83:31:69:22:89     17.42:13-339   R2   Ethernet Packet   Link   Sending packet from Interface 5D:90:98:59:33:54     17.42:13-339   R2   Ethernet Packet   Link   Sending packet from Interface 5D:90:98:59:33:54     17.42:13-339   R2   ARP_packet   Network   ProtocolStack from Interface 5D:90:98:59:33:54     17.42:13-339   R2   ARP_packet   Network   ProtocolStack from Interface 5D:90:98:59:33:54     17.42:13-339   R2   ARP_packet   Network   ProtocolStack from Interface 5D:90:98:59:33:54     17.42:13-339   R2   Ethernet Packet   Link   Recieved and accepted packet at interface 5D:90:98:59:33:54     17.42:13-339   R1   Ethernet Packet   Link   Recieved and accepted packet from Interface 5D:90:98:59:33:54     17.42:13-339   R2   Ethernet Packet   Link   Recieved and accepted packet from Interface 5D:90:98:59:33:54     17.42:13-339   R1   Ethernet Packet   Link   Recieved and accepted packet from Interface 5D:90:98:59:33:54     17.42:13-339   R1   Ethernet Packet   Link   Recieved and accepted packet from Interface 5D:90:98:59:33:54     17.42:13-339   R1   ARP_packet   Network   ProtocolStack received packet from Interface 84:5A:C7:79:2D:C5			LOUIS L		
17-42-13-339 R2   ARP_Dacket   Network   Sending products from ProtocolStack   Network   ProtocolStack   ProtocolStack   Network   ProtocolStack   ProtocolStack   Network   ProtocolStack   Proto					
17-42-13-339   R2   ARP_packet   Network   Sending broadcast packet from ProtocolStack     17-42-13-339   R2   Ethernet Packet   Link   Sending packet from Interface 50:90.98:59:33:54     17-42-13-339   R1   ARP_packet   Network   ProtocolStack received packet from local Interface     17-42-13-339   R1   ARP_packet   Network   ProtocolStack received packet from local Interface     17-42-13-339   R1   ARP_packet   Network   ProtocolStack received packet from local Interface     17-42-13-339   R1   ARP_packet   Network   ProtocolStack received packet from local Interface     17-42-13-339   R1   ARP_packet   Network   Sending packet from ProtocolStack (to 172.1.2.12     17-42-13-339   R1   ARP_packet   Network   Sending packet from ProtocolStack (to 172.1.2.12     17-42-13-339   R1   Ethernet Packet   Link   Sending packet from Interface 18:33:31:69:22:89     17-42-13-339   R2   ARP_packet   Network   ProtocolStack received packet at Interface 50:90:96:59:33:54     17-42-13-339   R2   ARP_packet   Network   ProtocolStack received packet from local Interface     17-42-13-339   R2   ARP_packet   Network   ProtocolStack received packet from local Interface     17-42-13-339   R2   ICMP_packet   Network   ProtocolStack from Interface 50:90:98:59:33:54     17-42-13-339   R2   Ethernet Packet   Link   Sending packet from Interface 50:90:98:59:33:54     17-42-13-339   R1   Ethernet Packet   Link   Sending packet from Interface 50:90:98:59:33:54     17-42-13-339   R1   ICMP_packet   Network   Network   ProtocolStack received packet at Interface 18:83:31:69:22:89     17-42-13-339   R1   ICMP_packet   Network   ProtocolStack received packet from Interface 61:83:31:69:22:89     17-42-13-339   R1   ICMP_packet   Network   ProtocolStack from Interface 63:68:80:49:A2-AA     17-42-13-339   R1   ARP_packet   Network   Packet Received: Network Layer Device is Routable forwarding packet     17-42-13-339   R1   Ethernet Packet   Link   Sending packet from Interface 63:68:80:49:A2-AA     17-42-13-339   PC   Ethernet Packet   Link					
17-42:13-339   R2   Ethernet Packet   Link   Sending packet from interface 5D:90:98:59:33:54     17-42:13-339   R1   ARP_packet   Link   Recieved and accepted packet at interface 1B:83:31:69:22:89     17-42:13-339   R1   ARP_packet   Network   Confirmed Packet is for this Network Layer Device.     17-42:13-339   R1   ARP_packet   Network   Confirmed Packet is for this Network Layer Device.     17-42:13-339   R1   ARP_packet   Network   Sending packet from ProtocolStack (to 172.1.2.12     17-42:13-339   R1   ARP_packet   Network   Sending packet from ProtocolStack (to 172.1.2.12)     17-42:13-339   R1   Ethernet Packet   Link   Sending packet from interface 1B:83:31:69:22:89     17-42:13-339   R2   Ethernet Packet   Link   Recieved and accepted packet at interface 5D:90:98:59:33:54     17-42:13-339   R2   ARP_packet   Network   ProtocolStack received packet from local Interface.     17-42:13-339   R2   ARP_packet   Network   ProtocolStack received packet from local Interface.     17-42:13-339   R2   ICMP_packet   Network   Forwarding packet from ProtocolStack(to 172.1.2.11).     17-42:13-339   R2   ICMP_packet   Network   Forwarding packet from Interface 5D:90:98:59:33:54     17-42:13-339   R1   ICMP_packet   Link   Sending packet from Interface 5D:90:98:59:33:54     17-42:13-339   R1   ICMP_packet   Network   ProtocolStack received packet from local Interface.     17-42:13-339   R1   ICMP_packet   Network   ProtocolStack received packet from local Interface.     17-42:13-339   R1   ICMP_packet   Network   Packet Received. Network Layer Device is Routable forwarding packet.     17-42:13-339   R1   ICMP_packet   Network   Sending packet from Interface 63:68:80:49:A2-A4     17-42:13-339   R1   ARP_packet   Network   Sending packet from Interface 63:68:80:49:A2-A4     17-42:13-339   Pc2   ARP_packet   Network   ProtocolStack received packet at interface 84:5A:C7:79:2D:C5     17-42:13-339   Pc2   ARP_packet   Network   ProtocolStack received packet from Incerlace 84:5A:C7:79:2D:C5     17-42:13-339   Pc2   ARP_pack				DataLink	Calended ART DISCOVERY DACKELIO SOUTCE MAC 3000'ESS TOFIE 172 1 2 11
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17:42:13-339 R1 ARP_packet Network ProtocolStack received packet from local Interface. 17:42:13-339 R1 ARP_packet Network Confirmed Packet is for this Network Layer Device. 17:42:13-339 R1 ARP_packet Network Sending packet from ProtocolStack (to 172.1.2.12). 17:42:13-339 R1 Ethernet Packet Link Sending packet from interface 1B:83:31:69:22:89 17:42:13-339 R2 Ethernet Packet Network ProtocolStack rom interface 5D:90:98:59:33:54 17:42:13-339 R2 ARP_packet Network ProtocolStack received packet from local Interface. 17:42:13-339 R2 ARP_packet Network ProtocolStack received packet from local Interface. 17:42:13-339 R2 IOMP_packet Network ProtocolStack from ProtocolStack (to 172.1.2.11). 17:42:13-339 R2 IOMP_packet Network ProtocolStack from Interface 5D:90:98:59:33:54 17:42:13-339 R1 Ethernet Packet Link Sending packet from ProtocolStack (to 172.1.2.11). 17:42:13-339 R1 Ethernet Packet Link Sending packet from Interface 5D:90:998:59:33:54 17:42:13-339 R1 IOMP_packet Network ProtocolStack from Interface 5D:90:998:59:33:54 17:42:13-339 R1 IOMP_packet Network ProtocolStack received packet from Interface 5D:90:998:59:33:54 17:42:13-339 R1 IOMP_packet Network ProtocolStack received packet from Interface 5D:90:998:59:33:54 17:42:13-339 R1 IOMP_packet Network ProtocolStack received packet from Interface 5D:90:998:59:33:54 17:42:13-339 R1 IOMP_packet Network ProtocolStack received packet from Interface 5D:90:998:59:33:54 17:42:13-339 R1 IOMP_packet Network ProtocolStack received packet from Interface 5D:90:998:59:33:54 17:42:13-339 R1 ARP_packet Network ProtocolStack received packet from Interface 5D:90:998:59:33:54 17:42:13-339 R1 Ethernet Packet Link Sending packet from Interface 8D:90:80:80:49:A2:AA 17:42:13-339 pc2 ARP_packet Network ProtocolStack received packet from Interface 8D:80:80:49:A2:AA 17:42:13-339 pc2 ARP_packet Network ProtocolStack received packet from Interface 8D:80:80:49:A2:AA 17:42:13-339 pc2 ARP_packet Network Sending packet from Interface 8D:80:80:49:A2:AA 17:42:13-339 pc2 ARP_packet Network Sending pa					Sending broadcast packet from ProtocolStack.
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17:42:13-339 R2 ARP_packet Network Confirmed Packet is for this Network Layer Device. 17:42:13-339 R2 ICMP_packet Network Sending packet from ProtocolStack(to 172.1.2.11). 17:42:13-339 R2 Ethernet Packet Link Sending packet from interface 5D:90:98:59:33:54 17:42:13-339 R1 Ethernet Packet Link Recieved and accepted packet at interface 18:83:31:69:22:89 17:42:13-339 R1 ICMP_packet Network ProtocolStack received packet from local Interface. 17:42:13-339 R1 ICMP_packet Network Packet Received: Network Layer Device is Routable forwarding packet. 17:42:13-339 R1 ARP Discovery Packet DataLink Created ARP discovery packet to source MAC address for IP 172.1.1.2 17:42:13-339 R1 ARP_packet Network Sending broadcast packet from ProtocolStack. 17:42:13-339 R1 Ethernet Packet Link Sending packet from Interface 63:68:80:49:42:AA 17:42:13-339 pc2 Ethernet Packet Link Recieved and accepted packet at interface 84:5A:C7:79:2D:C5 17:42:13-339 pc2 ARP_packet Network ProtocolStack received packet from local Interface. 17:42:13-339 pc2 ARP_packet Network Confirmed Packet is for this Network Layer Device. 17:42:13-339 pc2 ARP_packet Network Sending packet from ProtocolStack to 172.1.1.11 17:42:13-339 pc2 ARP_packet Network Sending packet from ProtocolStack to 172.1.1.11 17:42:13-339 pc2 ARP_packet Network Sending packet from ProtocolStack to 172.1.1.11 17:42:13-339 pc2 Ethernet Packet Link Sending packet from ProtocolStack to 172.1.1.11 17:42:13-339 pc2 Ethernet Packet Link Sending packet from ProtocolStack to 172.1.1.11 17:42:13-339 pc1 Ethernet Packet Link Recieved and dropped packet at interface 63:68:80:49:A2:AA 17:42:13-339 R1 Ethernet Packet Link Recieved and accepted packet at interface 63:68:80:49:A2:AA 17:42:13-339 R1 Ethernet Packet Link Recieved and accepted packet from local Interface.	17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339	R1 R1 R1 R1 R1 R1	Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP Response Packet ARP_packet Ethernet Packet	Link Link Network Network DataLink Network Link	Sending broadcast packet from ProtocolStack.  Sending packet from interface 5D:90:98:59:33:54  Recieved and accepted packet at interface 1B:83:31:69:22:89  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Created ARP Response packet to 172.1.2.12.  Sending packet from ProtocolStack (to 172.1.2.12).  Sending packet from interface 1B:83:31:69:22:89
17:42:13-339 R2 ICMP_packet	17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339	R1 R1 R1 R1 R1 R1 R1 R2	Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP Response Packet ARP_packet Ethernet Packet Ethernet Packet	Link Link Network Network DataLink Network Link Link	Sending broadcast packet from ProtocolStack.  Sending packet from interface 5D:90:98:59:33:54  Recieved and accepted packet at interface 1B:83:31:69:22:89  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Created ARP Response packet to 172.1.2.12  Sending packet from ProtocolStack (to 172.1.2.12).  Sending packet from interface 1B:83:31:69:22:89  Recieved and accepted packet at interface 5D:90:98:59:33:54
17:42:13-339 R2 ICMP_packet	17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339	R1 R1 R1 R1 R1 R1 R1 R2	Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet ARP_packet	Link Link Network Network DataLink Network Link Link	Sending broadcast packet from ProtocolStack.  Sending packet from interface 5D:90:98:59:33:54  Recieved and accepted packet at interface 1B:83:31:69:22:89  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Created ARP Response packet to 172.1.2.12  Sending packet from ProtocolStack (to 172.1.2.12).  Sending packet from interface 1B:83:31:69:22:89  Recieved and accepted packet at interface 5D:90:98:59:33:54  ProtocolStack received packet from local Interface.
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17:42:13-339 R1 Ethernet Packet Link Recieved and accepted packet at interface 1B:83:31:69:22:89  17:42:13-339 R1 ICMP_packet Network ProtocolStack received packet from local Interface.  17:42:13-339 R1 ICMP_packet Network Packet Received: Network Layer Device is Routable forwarding packet.  17:42:13-339 R1 ARP Discovery Packet DataLink Created ARP discovery packet to source MAC address for IP 172.1.1.2  17:42:13-339 R1 ARP_packet Network Sending packet from ProtocolStack.  17:42:13-339 pc2 Ethernet Packet Link Recieved and accepted packet at interface 84:5A:C7:79:2D:C5  17:42:13-339 pc2 ARP_packet Network ProtocolStack received packet from local Interface.  17:42:13-339 pc2 ARP_packet Network Confirmed Packet is for this Network Layer Device.  17:42:13-339 pc2 ARP_packet Network Sending packet from ProtocolStack (to 172.1.1.11  17:42:13-339 pc2 ARP_packet Network Sending packet from ProtocolStack (to 172.1.1.11).  17:42:13-339 pc2 Ethernet Packet Link Recieved and accepted packet to 172.1.1.11  17:42:13-339 pc2 Ethernet Packet Link Recieved and dropped packet tinterface 35:C7:45:AB:21:1B  17:42:13-339 R1 Ethernet Packet Link Recieved and dropped packet at interface 63:68:80:49:A2:AA  17:42:13-339 R1 Ethernet Packet Link Recieved and accepted packet from local Interface.	17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339	R1 R1 R1 R1 R1 R1 R1 R2 R2 R2	Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet	Link Link Network Network DataLink Network Link Link Network Network Network	Sending broadcast packet from ProtocolStack.  Sending packet from interface 5D:90:98:59:33:54  Recieved and accepted packet at interface 1B:83:31:69:22:89  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Created ARP Response packet to 172.1.2.12  Sending packet from ProtocolStack (to 172.1.2.12).  Sending packet from interface 1B:83:31:69:22:89  Recieved and accepted packet at interface 5D:90:98:59:33:54  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.
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17:42:13-339     pc2     ARP_packet     Network     ProtocolStack received packet from local Interface.       17:42:13-339     pc2     ARP_packet     Network     Confirmed Packet is for this Network Layer Device.       17:42:13-339     pc2     ARP Response Packet     DataLink     Created ARP Response packet to 172.1.1.11       17:42:13-339     pc2     ARP_packet     Network     Sending packet from ProtocolStack (to 172.1.1.11).       17:42:13-339     pc1     Ethernet Packet     Link     Sending packet from interface 84:5A:C7:79:2D:C5       17:42:13-339     pc1     Ethernet Packet     Link     Recieved and dropped packet at interface 35:C7:45:AB:21:1B       17:42:13-339     R1     Ethernet Packet     Link     Recieved and accepted packet at interface 63:68:80:49:A2:AA       17:42:13-339     R1     ARP_packet     Network     ProtocolStack received packet from local Interface.	17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339	R1 R1 R1 R1 R1 R1 R2 R2 R2 R2 R2 R2 R1 R1 R1 R1	Ethernet Packet  Ethernet Packet  ARP_packet  ARP_packet  ARP_packet  ARP_packet  Ethernet Packet  ARP_packet  ARP_packet  ICMP_packet  Ethernet Packet  Ethernet Packet  ICMP_packet  Ethernet Packet  Ethernet Packet  ARP_packet  Ethernet Packet  ARP_packet  ARP_packet  ARP_packet  ARP_packet	Link Link Network Network DataLink Network Link Link Network Network Network Network Link Network Link Network Link Network Link Network Network Network Network Network Network Network	Sending broadcast packet from ProtocolStack.  Sending packet from interface 5D:90:98:59:33:54  Recieved and accepted packet at interface 18:83:31:69:22:89  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Created ARP Response packet to 172:1.2:12  Sending packet from ProtocolStack (to 172:1.2:12).  Sending packet from interface 18:83:31:69:22:89  Recieved and accepted packet at interface 5D:90:98:59:33:54  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Forwarding packet from ProtocolStack(to 172:1.2:11).  Sending packet from interface 5D:90:98:59:33:54  Recieved and accepted packet at interface 18:83:31:69:22:89  ProtocolStack received packet from local Interface.  Packet Received: Network Layer Device is Routable forwarding packet.  Created ARP discovery packet to source MAC address for IP 172:1.1.2  Sending broadcast packet from ProtocolStack.
17:42:13-339     pc2     ARP_packet     Network     Confirmed Packet is for this Network Layer Device.       17:42:13-339     pc2     ARP Response Packet     DataLink     Created ARP Response packet to 172.1.1.11       17:42:13-339     pc2     ARP_packet     Network     Sending packet from ProtocolStack (to 172.1.1.11).       17:42:13-339     pc1     Ethernet Packet     Link     Sending packet from interface 84:5A:C7:79:2D:C5       17:42:13-339     pc1     Ethernet Packet     Link     Recieved and dropped packet at interface 35:C7:45:AB:21:1B       17:42:13-339     R1     Ethernet Packet     Link     Recieved and accepted packet at interface 63:68:80:49:A2:AA       17:42:13-339     R1     ARP_packet     Network     ProtocolStack received packet from local Interface.	17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339	R1 R1 R1 R1 R1 R1 R2 R2 R2 R2 R2 R2 R1 R1 R1 R1	Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet ARP_packet ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet Ethernet Packet Ethernet Packet Ethernet Packet ICMP_packet	Link Link Network DataLink Network Link Link Network Link Link Network Network Network Network Link Network Network Network Link Network Network Network Network Network Network Network Network Network Link Network Link Network Link	Sending broadcast packet from ProtocolStack.  Sending packet from interface 5D:90:98:59:33:54  Recieved and accepted packet at interface 1B:83:31:69:22:89  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Created ARP Response packet to 172.1.2.12  Sending packet from ProtocolStack (to 172.1.2.12).  Sending packet from interface 1B:83:31:69:22:89  Recieved and accepted packet at interface 5D:90:98:59:33:54  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Forwarding packet from ProtocolStack(to 172.1.2.11).  Sending packet from interface 5D:90:98:59:33:54  Recieved and accepted packet at interface 1B:83:31:69:22:89  ProtocolStack received packet at interface 1B:83:31:69:22:89  ProtocolStack received packet from local Interface.  Packet Received: Network Layer Device is Routable forwarding packet.  Created ARP discovery packet to source MAC address for IP 172.1.1.2  Sending packet from Interface 63:68:80:49:A2:AA
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17:42:13-339     pc2     ARP_packet     Network     Sending packet from ProtocolStack (to 172.1.1.11).       17:42:13-339     pc2     Ethernet Packet     Link     Sending packet from interface 84:5A:C7:79:2D:C5       17:42:13-339     pc1     Ethernet Packet     Link     Recieved and dropped packet at interface 35:C7:45:AB:21:1B       17:42:13-339     R1     Ethernet Packet     Link     Recieved and accepted packet at interface 63:68:80:49:A2:AA       17:42:13-339     R1     ARP_packet     Network     ProtocolStack received packet from local Interface.	17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339 17:42:13-339	R1 R1 R1 R1 R1 R1 R2 R2 R2 R2 R2 R2 R1 R1 R1 R1 R1 R1 R1 R1	Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet Ethernet Packet ICMP_packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet Ethernet Packet Ethernet Packet ARP Discovery Packet ARP_packet Ethernet Packet Ethernet Packet Ethernet Packet	Link Link Network Network DataLink Network Link Link Network Network Network Network Network Link Network Network Network Link Network Network Network Network Network Link Network	Sending broadcast packet from ProtocolStack.  Sending packet from interface 5D:90:98:59:33:54  Recieved and accepted packet at interface 1B:83:31:69:22:89  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Created ARP Response packet to 172.1.2.12  Sending packet from ProtocolStack (to 172.1.2.12).  Sending packet from interface 1B:83:31:69:22:89  Recieved and accepted packet at interface 5D:90:98:59:33:54  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Forwarding packet from ProtocolStack(to 172.1.2.11).  Sending packet from ProtocolStack(to 172.1.2.11).  Sending packet from interface 5D:90:98:59:33:54  Recieved and accepted packet at interface 1B:83:31:69:22:89  ProtocolStack received packet from local Interface.  Packet Received: Network Layer Device is Routable forwarding packet.  Created ARP discovery packet to source MAC address for IP 172.1.1.2  Sending packet from interface 63:68:80:49:A2:AA  Recieved and accepted packet at interface 84:5A:C7:79:2D:C5  ProtocolStack received packet from local Interface.
17:42:13-339     pc2     Ethernet Packet     Link     Sending packet from interface 84:5A:C7:79:2D:C5       17:42:13-339     pc1     Ethernet Packet     Link     Recieved and dropped packet at interface 35:C7:45:AB:21:1B       17:42:13-339     R1     Ethernet Packet     Link     Recieved and accepted packet at interface 63:68:80:49:A2:AA       17:42:13-339     R1     ARP_packet     Network     ProtocolStack received packet from local Interface.	17:42:13-339 17:42:13-339	R1 R1 R1 R1 R1 R1 R2 R2 R2 R2 R2 R2 R1 R1 R1 R1 R1 R1 R1 R1 R1 R1 PC2 PC2 PC2	Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet ARP_packet ICMP_packet	Link Link Network DataLink Network Link Link Network Link Network Network Network Network Link Network Link Network Link Network Link Network Network DataLink Network Link Network Network DataLink Network Link Network Link Network Link Network Link Network Network Network Network	Sending broadcast packet from ProtocolStack.  Sending packet from interface 5D:90:98:59:33:54  Recieved and accepted packet at interface 1B:83:31:69:22:89  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Created ARP Response packet to 172.1.2.12.  Sending packet from ProtocolStack (to 172.1.2.12).  Sending packet from interface 1B:83:31:69:22:89  Recieved and accepted packet at interface 5D:90:98:59:33:54  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Forwarding packet from ProtocolStack(to 172.1.2.11).  Sending packet from ProtocolStack(to 172.1.2.11).  Sending packet from interface 5D:90:98:59:33:54  Recieved and accepted packet at interface 1B:83:31:69:22:89  ProtocolStack received packet from local Interface.  Packet Received: Network Layer Device is Routable forwarding packet.  Created ARP discovery packet to source MAC address for IP 172.1.1.2  Sending broadcast packet from ProtocolStack.  Sending packet from interface 63:68:80:49:A2:AA  Recieved and accepted packet at interface 84:5A:C7:79:2D:C5  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.
17:42:13-339     pc1     Ethernet Packet     Link     Recieved and dropped packet at interface 35:C7:45:AB:21:1B       17:42:13-339     R1     Ethernet Packet     Link     Recieved and accepted packet at interface 63:68:80:49:A2:AA       17:42:13-339     R1     ARP_packet     Network     ProtocolStack received packet from local Interface.	17:42:13-339 17:42:13-339	R1 R1 R1 R1 R1 R1 R1 R2 R2 R2 R2 R2 R1	Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet ARP_packet ICMP_packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet	Link Link Network Network DataLink Network Link Link Network Network Network Network Network Link Network Link Network Link Network Network Network Network Network Network DataLink Network Link Link Network Link Link Network Link Link Network DataLink Network	Sending broadcast packet from ProtocolStack.  Sending packet from interface 5D:90:98:59:33:54 Recieved and accepted packet at interface 1B:83:31:69:22:89 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172:1.2:12 Sending packet from ProtocolStack (to 172:1.2:12). Sending packet from interface 1B:83:31:69:22:89 Recieved and accepted packet at interface 5D:90:98:59:33:54 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(to 172:1:2:11). Sending packet from interface 5D:90:98:59:33:54 Recieved and accepted packet at interface 1B:83:31:69:22:89 ProtocolStack received packet at interface 1B:83:31:69:22:89 ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172:1.1.2 Sending packet from interface 63:68:80:49:A2:AA Recieved and accepted packet from local Interface. ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172:1.1.11
17:42:13-339     pc1     Ethernet Packet     Link     Recieved and dropped packet at interface 35:C7:45:AB:21:1B       17:42:13-339     R1     Ethernet Packet     Link     Recieved and accepted packet at interface 63:68:80:49:A2:AA       17:42:13-339     R1     ARP_packet     Network     ProtocolStack received packet from local Interface.	17:42:13-339 17:42:13-339	R1 R1 R1 R1 R1 R1 R1 R2 R2 R2 R2 R2 R1	Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet ARP_packet ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet ICMP_packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet	Link Link Network DataLink Network Link Link Network Link Link Network Network Link Link Network Link Link Network Link Link Network Network Network Network Network Network Network Network Network Link Network Network Network Network Network Network Network Network Network	Sending broadcast packet from ProtocolStack.  Sending packet from interface 5D:90:98:59:33:54 Recieved and accepted packet at interface 1B:83:31:69:22:89 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172:1.2:12 Sending packet from ProtocolStack (to 172:1.2:12). Sending packet from interface 1B:83:31:69:22:89 Recieved and accepted packet at interface 5D:90:98:59:33:54 ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Forwarding packet from ProtocolStack(to 172:1:2:11). Sending packet from interface 5D:90:98:59:33:54 Recieved and accepted packet at interface 1B:83:31:69:22:89 ProtocolStack received packet at interface 1B:83:31:69:22:89 ProtocolStack received packet from local Interface. Packet Received: Network Layer Device is Routable forwarding packet. Created ARP discovery packet to source MAC address for IP 172:1.1.2 Sending packet from interface 63:68:80:49:A2:AA Recieved and accepted packet from local Interface. ProtocolStack received packet from local Interface. Confirmed Packet is for this Network Layer Device. Confirmed Packet is for this Network Layer Device. Created ARP Response packet to 172:1.1.11
17:42:13-339     R1     Ethernet Packet     Link     Recieved and accepted packet at interface 63:68:80:49:A2:AA       17:42:13-339     R1     ARP_packet     Network     ProtocolStack received packet from local Interface.	17:42:13-339 17:42:13-339	R1 R1 R1 R1 R1 R1 R2 R2 R2 R2 R2 R2 R1	Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet ARP_packet ICMP_packet Ethernet Packet Ethernet Packet ICMP_packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet ICMP_packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet	Link Link Network DataLink Network Link Link Network Link Link Network Network Link Link Network Link Link Network Link Link Network Network Network Network Network Network Network Network Network Link Network Network Network Network Network Network Network Network Network	Sending broadcast packet from ProtocolStack.  Sending packet from interface 5D:90:98:59:33:54  Recieved and accepted packet at interface 18:83:31:69:22:89  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Created ARP Response packet to 172.1.2.12  Sending packet from ProtocolStack (to 172.1.2.12).  Sending packet from interface 18:83:31:69:22:89  Recieved and accepted packet at interface 5D:90:98:59:33:54  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Forwarding packet from ProtocolStack(to 172.1.2.11).  Sending packet from interface 5D:90:98:59:33:54  Recieved and accepted packet at interface 18:83:31:69:22:89  ProtocolStack received packet at interface 18:83:31:69:22:89  ProtocolStack received packet from local Interface.  Packet Received: Network Layer Device is Routable forwarding packet.  Created ARP discovery packet to source MAC address for IP 172.1.1.2  Sending broadcast packet from ProtocolStack.  Sending packet from interface 63:68:80:49:A2:AA  Recieved and accepted packet at interface 81:5A:C7:79:2D:C5  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Confirmed Packet is for this Network Layer Device.  Created ARP Response packet to 172.1.1.11  Sending packet from ProtocolStack (to 172.1.1.11).
17:42:13-339 R1 ARP_packet Network ProtocolStack received packet from local Interface.	17:42:13-339 17:42:13-339	R1 R1 R1 R1 R1 R1 R2 R2 R2 R2 R2 R2 R1	Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet ICMP_packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet	Link Link Network Network DataLink Network Link Link Network Network Network Link Link Network Link Link Network Link Network Link Network DataLink Network Link Network DataLink Network Link Network Link Network Link Network Link Network Network Network Network Network DataLink Network Link	Sending broadcast packet from ProtocolStack.  Sending packet from interface 5D:90:98:59:33:54  Recieved and accepted packet at interface 1B:83:31:69:22:89  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Created ARP Response packet to 172.1.2.12  Sending packet from ProtocolStack (to 172.1.2.12).  Sending packet from interface 1B:83:31:69:22:89  Recieved and accepted packet at interface 5D:90:98:59:33:54  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Forwarding packet from ProtocolStack(to 172.1.2.11).  Sending packet from interface 5D:90:98:59:33:54  Recieved and accepted packet at interface 1B:83:31:69:22:89  ProtocolStack received packet at interface 1B:83:31:69:22:89  ProtocolStack received packet at interface 1B:83:31:69:22:89  ProtocolStack received packet from local Interface.  Packet Received: Network Layer Device is Routable forwarding packet.  Created ARP discovery packet to source MAC address for IP 172.1.1.2  Sending broadcast packet from ProtocolStack.  Sending packet from interface 63:68:80:49:A2:AA  Recieved and accepted packet at interface 84:5A:C7:79:2D:C5  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Created ARP Response packet to 172.1.1.11  Sending packet from ProtocolStack (to 172.1.1.11).  Sending packet from interface 84:5A:C7:79:2D:C5
	17:42:13-339 17:42:13-339	R1 R1 R1 R1 R1 R1 R2 R2 R2 R2 R2 R1 R1 R1 R1 R1 R1 R1 R2	Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet ICMP_packet Ethernet Packet Ethernet Packet Ethernet Packet ICMP_packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet ICMP_packet ICMP_packet Ethernet Packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet	Link Link Network Network Link Link Network Link Link Network Network DataLink Network Link Link Link Link Link	Sending broadcast packet from ProtocolStack.  Sending packet from interface 5D:90:98:59:33:54  Recieved and accepted packet at interface 1B:83:31:69:22:89  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Created ARP Response packet to 172.1.2.12  Sending packet from ProtocolStack (to 172.1.2.12).  Sending packet from interface 1B:83:31:69:22:89  Recieved and accepted packet at interface 5D:90:98:59:33:54  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Forwarding packet from ProtocolStack(to 172.1.2.11).  Sending packet from interface 5D:90:98:59:33:54  Recieved and accepted packet at interface 1B:83:31:69:22:89  ProtocolStack received packet from local Interface.  Packet Received: Network Layer Device is Routable forwarding packet.  Created ARP discovery packet to source Mac address for IP 172.1.1.2  Sending packet from interface 63:68:80:49:A2:AA  Recieved and accepted packet at interface 84:5A:C7:79:2D:C5  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Created ARP Response packet to 172.1.1.11  Sending packet from ProtocolStack (to 172.1.1.11).  Sending packet from ProtocolStack (to 172.1.1.11).  Sending packet from Interface 84:5A:C7:79:2D:C5  Recieved and dropped packet at interface 35:C7:45:AB:21:1B
Network   Committee Packets for this Network Layer Device.	17:42:13-339 17:42:13-339	R1 R1 R1 R1 R1 R1 R2 R2 R2 R2 R2 R1	Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet Ethernet Packet ICMP_packet Ethernet Packet ICMP_packet ICMP_packet Ethernet Packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet Ethernet Packet ARP_packet Ethernet Packet ARP_packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet	Link Link Network Network Link Network Link Network Link Network Network Network Network Link Network Link Network Link Network Network Network Network Network DataLink Network Network Link Link Link Link Link Link Link Lin	Sending broadcast packet from ProtocolStack.  Sending packet from interface 5D:90:98:59:33:54  Recieved and accepted packet at interface 1B:83:31:69:22:89  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Created ARP Response packet to 172.1.2.12  Sending packet from ProtocolStack (to 172.1.2.12).  Sending packet from interface 1B:83:31:69:22:89  Recieved and accepted packet at interface 5D:90:98:59:33:54  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Forwarding packet from ProtocolStack(to 172.1.2.11).  Sending packet from Interface 5D:90:98:59:33:54  Recieved and accepted packet at interface 1B:83:31:69:22:89  ProtocolStack received packet from local Interface.  Packet Received: Network Layer Device is Routable forwarding packet.  Created ARP discovery packet to source MAC address for IP 172.1.1.2  Sending broadcast packet from ProtocolStack.  Sending packet from interface 63:68:80:49:A2:AA  Recieved and accepted packet at interface 84:5A:C7:79:2D:C5  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Created ARP Response packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Created ARP Response packet to 172.1.1.11).  Sending packet from interface 84:5A:C7:79:2D:C5  Recieved and dropped packet at interface 35:C7:45:AB:21:1B  Recieved and accepted packet at interface 63:68:80:49:A2:AA
	17:42:13-339 17:42:13-339	R1 R1 R1 R1 R1 R1 R1 R2 R2 R2 R2 R2 R2 R1	Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet ARP_packet Ethernet Packet Ethernet Packet Ethernet Packet ICMP_packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet ICMP_packet Ethernet Packet ICMP_packet ICMP_packet ICMP_packet Ethernet Packet ICMP_packet ARP_packet ARP Discovery Packet ARP_packet Ethernet Packet Ethernet Packet Ethernet Packet Ethernet Packet ARP_packet ARP_packet ARP_packet Ethernet Packet	Link Link Network DataLink Network Link Link Network Link Network Network Network Network Link Network Link Network Link Network Network Network DataLink Network DataLink Network Link Network Link Link Network Link Network Link Network Link Network DataLink Network Link Network Link Network Link Network Link Network Link Network Link Link Network	Sending broadcast packet from ProtocolStack.  Sending packet from interface 5D:90:98:59:33:54  Recieved and accepted packet at interface 1B:83:31:69:22:89  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Created ARP Response packet to 172:12:12  Sending packet from ProtocolStack (to 172:1.2:12).  Sending packet from interface 1B:83:31:69:22:89  Recieved and accepted packet at interface 5D:90:98:59:33:54  ProtocolStack received packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Forwarding packet from ProtocolStack(to 172:1.2:11).  Sending packet from ProtocolStack(to 172:1.2:11).  Sending packet from interface 5D:90:98:59:33:54  Recieved and accepted packet at interface 1B:83:31:69:22:89  ProtocolStack received packet from local Interface.  Packet Received: Network Layer Device is Routable forwarding packet.  Created ARP discovery packet to source MAC address for IP 172:1.1.2  Sending broadcast packet from ProtocolStack.  Sending packet from interface 63:68:80:49:A2:AA  Recieved and accepted packet at interface.  Confirmed Packet is for this Network Layer Device.  Created ARP Response packet from local Interface.  Confirmed Packet is for this Network Layer Device.  Created ARP Response packet to 172:1.1.11  Sending packet from interface 84:5A:C7:79:2D:C5  Recieved and dropped packet at interface 35:C7:45:AB:21:1B  Recieved and accepted packet at interface 63:68:80:49:A2:AA  ProtocolStack received packet at interface 63:68:80:49:A2:AA

47:40:40 000	nod	Ethornot Docket	Link	Doois	wind and accepted poolest at interferon 25:07:45:40:04:40
17:42:13-339 17:42:13-339	pc1	Ethernet Packet	Link Network		eved and accepted packet at interface 35:C7:45:AB:21:1B colStack received packet from local Interface.
17:42:13-339	pc1 R1	ARP_packet ICMP_packet	Network		arding packet from ProtocolStack(to 172.1.1.2).
17:42:13-339	R1	Ethernet Packet	Link		ling packet from interface 63:68:80:49:A2:AA
17:42:13-339	pc2	Ethernet Packet	Link		eved and accepted packet at interface 84:5A:C7:79:2D:C5
17:42:13-339	pc2	ICMP_packet	Network		colStack received packet from local Interface.
17:42:13-339	pc2	ICMP_packet	Network		rmed Packet is for this Network Layer Device.
17:42:13-339	pc2	Echo Reply Packet	Network		ted Echo Reply packet to 172.1.10.3
17:42:13-339	pc2	ICMP_packet	Network		ing packet from ProtocolStack (to 172.1.1.11).
17:42:13-339	pc2	Ethernet Packet	Link		ling packet from interface 84:5A:C7:79:2D:C5
17:42:13-339	pc1	Ethernet Packet	Link		eved and dropped packet at interface 35:C7:45:AB:21:1B
17:42:13-339	R1	Ethernet Packet	Link		eved and accepted packet at interface 63:68:80:49:A2:AA
17:42:13-339	R1	ICMP packet	Network		colStack received packet from local Interface.
17:42:13-339	R1	ICMP_packet	Network		et Received: Network Layer Device is Routable forwarding packet.
17:42:13-339	R1	ICMP packet	Network		arding packet from ProtocolStack(to 172.1.2.12).
17:42:13-339	R1	Ethernet Packet	Link		ling packet from interface 1B:83:31:69:22:89
17:42:13-339	R2	Ethernet Packet	Link		eved and accepted packet at interface 5D:90:98:59:33:54
17:42:13-339	R2	ICMP_packet	Network		colStack received packet from local Interface.
17:42:13-339	R2	ICMP_packet	Network		et Received: Network Layer Device is Routable forwarding packet.
17:42:13-339	R2	ICMP_packet	Network		arding packet from ProtocolStack(to 172.1.3.13).
17:42:13-339	R2	Ethernet Packet	Link		ling packet from interface AE:56:49:C0:AA:25
17:42:13-339	R3	Ethernet Packet	Link		eved and accepted packet at interface 65:6F:41:7D:24:97
17:42:13-339	R3	ICMP_packet	Network		colStack received packet from local Interface.
17:42:13-339	R3	ICMP_packet	Network	Pack	et Received: Network Layer Device is Routable forwarding packet.
17:42:13-339	R3	ICMP_packet	Network		arding packet from ProtocolStack(to 172.1.8.18).
17:42:13-339	R3	Ethernet Packet	Link		ling packet from interface B5:7A:64:37:6D:9E
17:42:13-339	R8	Ethernet Packet	Link		eved and accepted packet at interface 34:B9:13:1F:1F:C2
17:42:13-339	R8	ICMP_packet	Network	Proto	colStack received packet from local Interface.
17:42:13-339	R8	ICMP_packet	Network	Pack	et Received: Network Layer Device is Routable forwarding packet.
17:42:13-339	R8	ICMP_packet	Network	Forwa	arding packet from ProtocolStack(to 172.1.7.17).
17:42:13-339	R8	Ethernet Packet	Link	Send	ling packet from interface 7A:83:7F:A5:2C:4B
17:42:13-339	R7	Ethernet Packet	Link		eved and accepted packet at interface 3A:A9:15:22:73:56
17:42:13-339	R7	ICMP_packet	Network		colStack received packet from local Interface.
17:42:13-339	R7	ICMP_packet	Network		et Received: Network Layer Device is Routable forwarding packet.
17:42:13-339	R7	ICMP_packet	Network		arding packet from ProtocolStack(to 172.1.6.16).
17:42:13-339	R7	Ethernet Packet	Link		ling packet from interface 9C:8E:33:76:42:C5
17:42:13-339	R6	Ethernet Packet	Link		eved and accepted packet at interface 72:96:57:2E:25:8F
17:42:13-339	R6	ICMP_packet	Network		colStack received packet from local Interface.
17:42:13-339	R6	ICMP_packet	Network		et Received: Network Layer Device is Routable forwarding packet.
17:42:13-339	R6	ICMP_packet	Network		arding packet from ProtocolStack(to 172.1.5.15).
17:42:13-339	R6	Ethernet Packet	Link		ling packet from interface 20:82:8D:25:13:5B
17:42:13-339	R5	Ethernet Packet	Link		eved and accepted packet at interface A9:AC:53:74:83:90
17:42:13-339	R5	ICMP_packet	Network		colStack received packet from local Interface.
17:42:13-339	R5	ICMP_packet	Network		et Received: Network Layer Device is Routable forwarding packet.
17:42:13-339	R5	ICMP_packet	Network		arding packet from ProtocolStack(to 172.1.4.14).
17:42:13-339	R5	Ethernet Packet	Link		ling packet from interface 65:14:AF:61:98:69
17:42:13-339	R4	Ethernet Packet	Link		eved and accepted packet at interface 81:91:12:8E:5B:B4
17:42:13-340	R4	ICMP_packet	Network		colStack received packet from local Interface.
17:42:13-340	R4	ICMP_packet	Network		et Received: Network Layer Device is Routable forwarding packet.
17:42:13-340	R4	ICMP_packet	Network	Forwa	arding packet from ProtocolStack(to 172.1.9.19).
17:42:13-340	D4	Ethornot Dookst	Lie	· le	Sanding packet from interface 0C-AE-67-C4-0E-07
	R4	Ethernet Packet	Lin		Sending packet from interface 9C:AF:67:C1:9E:87
17:42:13-340	R9	Ethernet Packet	Lin		Recieved and accepted packet at interface 1E:25:38:AB:4E:75
17:42:13-340		ICMP_packet		twork	ProtocolStack received packet from local Interface.
17:42:13-340	R9	ICMP_packet		twork	Packet Received: Network Layer Device is Routable forwarding packet.
17:42:13-340	R9	ICMP_packet		twork	Forwarding packet from ProtocolStack(to 172.1.10.3).
17:42:13-340	R9	Ethernet Packet	Lin	k	Sending packet from interface AF:1C:B8:55:65:77
17:42:13-340	pc3	Ethernet Packet	Lin	k	Recieved and accepted packet at interface 72:7C:53:98:88:A5
17:42:13-340	pc3	ICMP_packet	Ne	twork	ProtocolStack received packet from local Interface.
17:42:13-340	pc3	ICMP_packet		twork	Confirmed Packet is for this Network Layer Device.
17:42:13-340	pc3	Echo Reply Packet	Ne	twork	Echo reply packet received from 172.1.1.2

Рисунки 4.1-4.6. echo-запрос с PC2 на PC3

Приведенные результаты запросов свидетельствуют, что пакет доходит до узла-получателя и возвращается обратно к узлу-отправителю, следовательно, сеть была настроена корректно.

### Выводы.

В ходе выполнения лабораторной работы и были изучены и освоены основы статической маршрутизации на узлах сетевого уровня в IP-сетях.