ОТЧЕТ

по лабораторной работе №2

по дисциплине «Сети и телекоммуникации»

Тема: Настройка таблиц маршрутизации

Вариант 12

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Цель работы.

Изучить методы статической маршрутизации в IP-сетях. Овладеть управлением таблицами маршрутизации на узлах сетевого уровня.

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.

Задание к 12 варианту: Все маршрутизаторы и компьютеры имеют адреса из диапазона 200.0.1.1 – 200.0.254.254. Обозначения в задании: K1 – PC1, K2 – PC2, K3 – PC3. На рисунке 1 представлена схема сети.
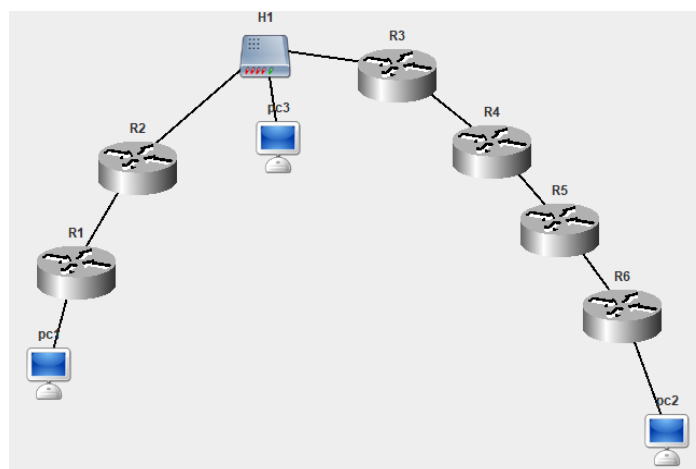

Рисунок 1 – Схема сети

Выполнение работы.

1. Для сети были настроены IP-адреса, маски подсетей и шлюзы по умолчанию.

Проведена настройка узлов сети для корректной доставки Echo-запросов. В качестве маски была выбрана маска класса C – 255.255.255.0, так как она точно перекрывает все используемые адреса. Настройку всех узлов в сети можно увидеть в таблице 1.

Устройство	Порт	Адрес	Маска
R1	eth0	200.0.1.2	255.255.255.0
	eth1	200.0.2.1	
R2	eth0	200.0.2.2	255.255.255.0
	eth1	200.0.3.3	
R3	eth0	200.0.3.1	255.255.255.0
	eth1	200.0.4.1	
R4	eth0	200.0.4.2	255.255.255.0
	eth1	200.0.5.1	
R5	eth0	200.0.5.2	255.255.255.0
	eth1	200.0.6.1	
R6	eth0	200.0.6.2	255.255.255.0
	eth1	200.0.7.1	
pc1	eth0	200.0.1.1	255.255.255.0
pc2	eth0	200.0.7.2	255.255.255.0
pc3	eth0	200.0.3.2	255.255.255.0

Таблица 1 – Настройка узлов сети

Далее проведена настройка шлюзов по умолчанию. Результаты настройки приведены в таблице 2.

Устройство	Шлюз по умолчанию
R1	200.0.2.2
R2	200.0.2.1
R3	200.0.4.2
R4	200.0.5.2
R5	200.0.6.2
R6	200.0.6.1
pc1	200.0.1.2
pc2	200.0.7.1
pc3	200.0.3.1

Таблица 2 – Настройка шлюзов

2. Далее были настроены таблицы статической маршрутизации для отправки пакетов. Пример такой настройки в консоли маршрутизатора можно увидеть на рисунке 1.
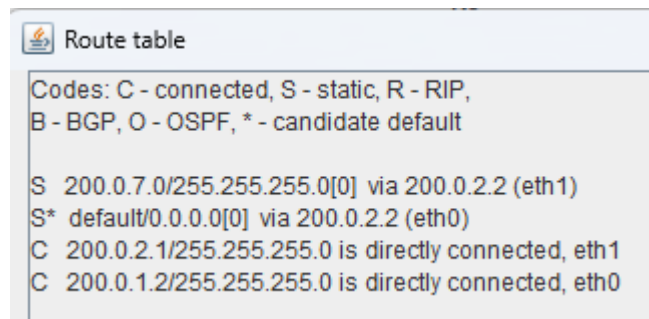
Рисунок 1 – Настройка маршрутизатора R3

Аналогичным образом были настроены все маршрутизаторы для передачи пакетов по маршрутам К1 (PC1) - К2 (PC2), К1 (PC1) - К3 (PC3), К2 (PC2) - К3 (PC3) в обе стороны. Таблицы маршрутизации представлены на рисунках 2-8.

Рисунок 2 – Таблица маршрутизации для R1

Рисунок 3 – Таблица маршрутизации для R2

Рисунок 4 – Таблица маршрутизации для R3

Рисунок 5 – Таблица маршрутизации для R4

Рисунок 6 – Таблица маршрутизации для R5

Рисунок 7 – Таблица маршрутизации для R6

3. Чтобы получались кратчайшие пути при отправке запросов с K1 (PC3), была добавлена таблица статической маршрутизации для этого узла. Таблица представлена на рисунке 8.
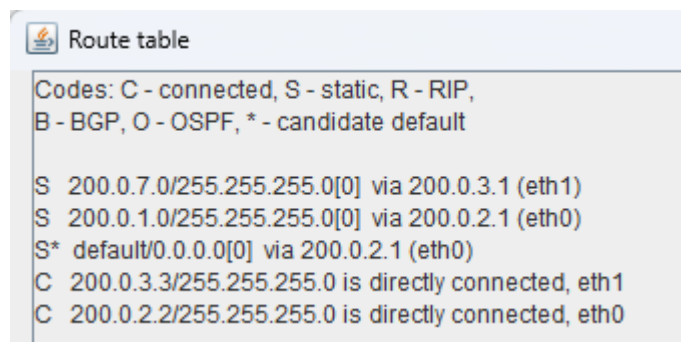
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Route table

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

S  200.0.7.0/255.255.255.0[0] via 200.0.4.1 (eth0)
S  200.0.1.0/255.255.255.0[0] via 200.0.2.2 (eth0)
S* default/0.0.0.0[0] via 200.0.3.1 (eth0)
C  200.0.3.2/255.255.255.0 is directly connected, eth0
```
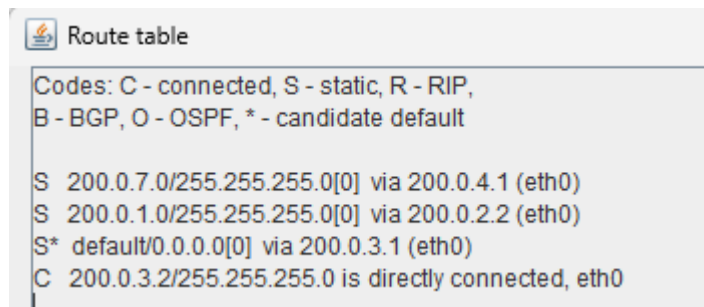
Рисунок 8 – Таблица маршрутизации для PC3

Результаты Echo-запроса К1 (PC1) - К2 (PC2) приведены в приложении А.

Результаты Echo-запроса К1 (PC1) - К3 (PC3) приведены в приложении Б.

Результаты Echo-запроса К2 (PC2) - К3 (PC3) приведены в приложении В.

Выводы.

В ходе выполнения лабораторной работы были изучены методы статической маршрутизации в IP-сетях и способ управления таблицами маршрутизации на узлах сетевого уровня.

ПРИЛОЖЕНИЕ А

РЕЗУЛЬТАТЫ ECHO-ЗАПРОСА К1 (РС1) - К2 (РС2)

13:11:33-350	pc1 Echo Request Packet	Network	Created Echo Request packet to 200.0.7.2
13:11:33-350	pc1 ARP Discovery Packet	DataLink	Created ARP discovery packet to source MAC address for IP 200.0.1.2
13:11:33-351	pc1 ARP_packet	Network	Sending broadcast packet from ProtocolStack.
13:11:33-351	pc1 Ethernet Packet	Link	Sending packet from interface 23:3E:15:B8:8C:6C
13:11:33-351	R1 Ethernet Packet	Link	Recieved and accepted packet at interface 97:2E:4C:40:2E:67
13:11:33-351	R1 ARP_packet	Network	ProtocolStack received packet from local Interface.
13:11:33-351	R1 ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
13:11:33-351	R1 ARP Response Packet	DataLink	Created ARP Response packet to 200.0.1.1
13:11:33-351	R1 ARP_packet	Network	Sending packet from ProtocolStack (to 200.0.1.1).
13:11:33-351	R1 Ethernet Packet	Link	Sending packet from interface 97:2E:4C:40:2E:67
13:11:33-351	pc1 Ethernet Packet	Link	Recieved and accepted packet at interface 23:3E:15:B8:8C:6C
13:11:33-351	pc1 ARP_packet	Network	ProtocolStack received packet from local Interface.
13:11:33-351	pc1 ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
13:11:33-351	pc1 ICMP_packet	Network	Sending packet from ProtocolStack (to 200.0.1.2).
13:11:33-351	pc1 Ethernet Packet	Link	Sending packet from interface 23:3E:15:B8:8C:6C
13:11:33-351	R1 Ethernet Packet	Link	Recieved and accepted packet at interface 97:2E:4C:40:2E:67
13:11:33-351	R1 ICMP_packet	Network	ProtocolStack received packet from local Interface.
13:11:33-351	R1 ICMP_packet	Network	Packet Received: Network Layer Device is Routable forwarding packet.
13:11:33-351	R1 ARP Discovery Packet	DataLink	Created ARP discovery packet to source MAC address for IP 200.0.2.2
13:11:33-351	R1 ARP_packet	Network	Sending broadcast packet from ProtocolStack.
13:11:33-351	R1 Ethernet Packet	Link	Sending packet from interface 18:71:B4:6C:68:1D
13:11:33-351	R2 Ethernet Packet	Link	Recieved and accepted packet at interface 6F:34:97:24:AA:97
13:11:33-351	R2 ARP_packet	Network	ProtocolStack received packet from local Interface.
13:11:33-351	R2 ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
13:11:33-351	R2 ARP Response Packet	DataLink	Created ARP Response packet to 200.0.2.1
13:11:33-	R2 ARP_packet	Network	Sending packet from ProtocolStack (to 200.0.2.1).

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13:11:33-351	*R2*	*Ethernet Packet*	*Link*	*Sending packet from interface 6F:34:97:24:AA:97*
13:11:33-351	*R1*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 18:71:B4:6C:68:1D*
13:11:33-351	*R1*	*ARP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-351	*R1*	*ARP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:11:33-351	*R1*	*ICMP_packet*	*Network*	*Forwarding packet from ProtocolStack(to 200.0.2.2).*
13:11:33-351	*R1*	*Ethernet Packet*	*Link*	*Sending packet from interface 18:71:B4:6C:68:1D*
13:11:33-351	*R2*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 6F:34:97:24:AA:97*
13:11:33-351	*R2*	*ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-351	*R2*	*ICMP_packet*	*Network*	*Packet Received: Network Layer Device is Routable forwarding packet.*
13:11:33-351	*R2*	*ARP Discovery Packet*	*DataLink*	*Created ARP discovery packet to source MAC address for IP 200.0.3.1*
13:11:33-351	*R2*	*ARP_packet*	*Network*	*Sending broadcast packet from ProtocolStack.*
13:11:33-351	*R2*	*Ethernet Packet*	*Link*	*Sending packet from interface 2C:AD:1C:AC:A4:61*
13:11:33-351	*R3*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 87:77:3B:A3:B9:2A*
13:11:33-351	*R3*	*ARP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-351	*R3*	*ARP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:11:33-351	*R3*	*ARP Response Packet*	*DataLink*	*Created ARP Response packet to 200.0.3.3*
13:11:33-351	*R3*	*ARP_packet*	*Network*	*Sending packet from ProtocolStack (to 200.0.3.3).*
13:11:33-351	*R3*	*Ethernet Packet*	*Link*	*Sending packet from interface 87:77:3B:A3:B9:2A*
13:11:33-351	*R2*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 2C:AD:1C:AC:A4:61*
13:11:33-351	*R2*	*ARP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-351	*R2*	*ARP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:11:33-351	*pc3*	*Ethernet Packet*	*Link*	*Recieved and dropped packet at interface B5:32:1D:78:85:2E*
13:11:33-351	*pc3*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface B5:32:1D:78:85:2E*
13:11:33-351	*pc3*	*ARP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-351	*R2*	*ICMP_packet*	*Network*	*Forwarding packet from ProtocolStack(to 200.0.3.1).*
13:11:33-351	*R2*	*Ethernet Packet*	*Link*	*Sending packet from interface 2C:AD:1C:AC:A4:61*
13:11:33-351	*R3*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 87:77:3B:A3:B9:2A*

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13:11:33-351	*R3*	*ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-351	*R3*	*ICMP_packet*	*Network*	*Packet Received: Network Layer Device is Routable forwarding packet.*
13:11:33-351	*R3*	*ARP Discovery Packet*	*DataLink*	*Created ARP discovery packet to source MAC address for IP 200.0.4.2*
13:11:33-351	*R3*	*ARP_packet*	*Network*	*Sending broadcast packet from ProtocolStack.*
13:11:33-351	*R3*	*Ethernet Packet*	*Link*	*Sending packet from interface 14:3F:C5:A0:A8:BF*
13:11:33-351	*R4*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface B6:A7:2E:40:2B:B8*
13:11:33-351	*R4*	*ARP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-351	*R4*	*ARP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:11:33-351	*R4*	*ARP Response Packet*	*DataLink*	*Created ARP Response packet to 200.0.4.1*
13:11:33-351	*R4*	*ARP_packet*	*Network*	*Sending packet from ProtocolStack (to 200.0.4.1).*
13:11:33-351	*R4*	*Ethernet Packet*	*Link*	*Sending packet from interface B6:A7:2E:40:2B:B8*
13:11:33-351	*R3*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 14:3F:C5:A0:A8:BF*
13:11:33-351	*R3*	*ARP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-351	*R3*	*ARP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:11:33-351	*R3*	*ICMP_packet*	*Network*	*Forwarding packet from ProtocolStack(to 200.0.4.2).*
13:11:33-351	*R3*	*Ethernet Packet*	*Link*	*Sending packet from interface 14:3F:C5:A0:A8:BF*
13:11:33-351	*R4*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface B6:A7:2E:40:2B:B8*
13:11:33-351	*R4*	*ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-351	*R4*	*ICMP_packet*	*Network*	*Packet Received: Network Layer Device is Routable forwarding packet.*
13:11:33-351	*R4*	*ARP Discovery Packet*	*DataLink*	*Created ARP discovery packet to source MAC address for IP 200.0.5.2*
13:11:33-351	*R4*	*ARP_packet*	*Network*	*Sending broadcast packet from ProtocolStack.*
13:11:33-351	*R4*	*Ethernet Packet*	*Link*	*Sending packet from interface 20:7B:BB:25:AB:BC*
13:11:33-351	*R5*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 98:24:76:C1:13:78*
13:11:33-351	*R5*	*ARP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-351	*R5*	*ARP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:11:33-351	*R5*	*ARP Response Packet*	*DataLink*	*Created ARP Response packet to 200.0.5.1*
13:11:33-351	*R5*	*ARP_packet*	*Network*	*Sending packet from ProtocolStack (to 200.0.5.1).*
13:11:33-	*R5*	*Ethernet Packet*	*Link*	*Sending packet from interface 98:24:76:C1:13:78*

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13:11:33-351	*R4*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 20:7B:BB:25:AB:BC*
13:11:33-351	*R4*	*ARP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-351	*R4*	*ARP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:11:33-351	*R4*	*ICMP_packet*	*Network*	*Forwarding packet from ProtocolStack(to 200.0.5.2).*
13:11:33-351	*R4*	*Ethernet Packet*	*Link*	*Sending packet from interface 20:7B:BB:25:AB:BC*
13:11:33-351	*R5*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 98:24:76:C1:13:78*
13:11:33-351	*R5*	*ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-351	*R5*	*ICMP_packet*	*Network*	*Packet Received: Network Layer Device is Routable forwarding packet.*
13:11:33-351	*R5*	*ARP Discovery Packet*	*DataLink*	*Created ARP discovery packet to source MAC address for IP 200.0.6.2*
13:11:33-351	*R5*	*ARP_packet*	*Network*	*Sending broadcast packet from ProtocolStack.*
13:11:33-351	*R5*	*Ethernet Packet*	*Link*	*Sending packet from interface 48:75:B2:82:2F:35*
13:11:33-352	*R6*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 7B:75:9B:80:BB:30*
13:11:33-352	*R6*	*ARP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-352	*R6*	*ARP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:11:33-352	*R6*	*ARP Response Packet*	*DataLink*	*Created ARP Response packet to 200.0.6.1*
13:11:33-352	*R6*	*ARP_packet*	*Network*	*Sending packet from ProtocolStack (to 200.0.6.1).*
13:11:33-352	*R6*	*Ethernet Packet*	*Link*	*Sending packet from interface 7B:75:9B:80:BB:30*
13:11:33-352	*R5*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 48:75:B2:82:2F:35*
13:11:33-352	*R5*	*ARP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-352	*R5*	*ARP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:11:33-352	*R5*	*ICMP_packet*	*Network*	*Forwarding packet from ProtocolStack(to 200.0.6.2).*
13:11:33-352	*R5*	*Ethernet Packet*	*Link*	*Sending packet from interface 48:75:B2:82:2F:35*
13:11:33-352	*R6*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 7B:75:9B:80:BB:30*
13:11:33-352	*R6*	*ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-352	*R6*	*ICMP_packet*	*Network*	*Packet Received: Network Layer Device is Routable forwarding packet.*
13:11:33-352	*R6*	*ARP Discovery Packet*	*DataLink*	*Created ARP discovery packet to source MAC address for IP 200.0.7.2*
13:11:33-352	*R6*	*ARP_packet*	*Network*	*Sending broadcast packet from ProtocolStack.*

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13:11:33-352	*R6 Ethernet Packet*	*Link*	*Sending packet from interface 5B:8D:A1:72:8F:BB*
13:11:33-352	*pc2 Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 1E:B7:7E:3E:43:26*
13:11:33-352	*pc2 ARP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-352	*pc2 ARP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:11:33-352	*pc2 ARP Response Packet*	*DataLink*	*Created ARP Response packet to 200.0.7.1*
13:11:33-352	*pc2 ARP_packet*	*Network*	*Sending packet from ProtocolStack (to 200.0.7.1).*
13:11:33-352	*pc2 Ethernet Packet*	*Link*	*Sending packet from interface 1E:B7:7E:3E:43:26*
13:11:33-352	*R6 Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 5B:8D:A1:72:8F:BB*
13:11:33-352	*R6 ARP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-352	*R6 ARP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:11:33-352	*R6 ICMP_packet*	*Network*	*Forwarding packet from ProtocolStack(to 200.0.7.2).*
13:11:33-352	*R6 Ethernet Packet*	*Link*	*Sending packet from interface 5B:8D:A1:72:8F:BB*
13:11:33-352	*pc2 Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 1E:B7:7E:3E:43:26*
13:11:33-352	*pc2 ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-352	*pc2 ICMP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:11:33-352	*pc2 Echo Reply Packet*	*Network*	*Created Echo Reply packet to 200.0.1.1*
13:11:33-355	*pc2 ICMP_packet*	*Network*	*Sending packet from ProtocolStack (to 200.0.7.1).*
13:11:33-355	*pc2 Ethernet Packet*	*Link*	*Sending packet from interface 1E:B7:7E:3E:43:26*
13:11:33-355	*R6 Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 5B:8D:A1:72:8F:BB*
13:11:33-355	*R6 ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-355	*R6 ICMP_packet*	*Network*	*Packet Received: Network Layer Device is Routable forwarding packet.*
13:11:33-355	*R6 ICMP_packet*	*Network*	*Forwarding packet from ProtocolStack(to 200.0.6.1).*
13:11:33-355	*R6 Ethernet Packet*	*Link*	*Sending packet from interface 7B:75:9B:80:BB:30*
13:11:33-355	*R5 Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 48:75:B2:82:2F:35*
13:11:33-355	*R5 ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-355	*R5 ICMP_packet*	*Network*	*Packet Received: Network Layer Device is Routable forwarding packet.*
13:11:33-355	*R5 ICMP_packet*	*Network*	*Forwarding packet from ProtocolStack(to 200.0.5.1).*
13:11:33-	*R5 Ethernet Packet*	*Link*	*Sending packet from interface 98:24:76:C1:13:78*

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13:11:33-355	*R4* *Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 20:7B:BB:25:AB:BC*
13:11:33-355	*R4* *ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-355	*R4* *ICMP_packet*	*Network*	*Packet Received: Network Layer Device is Routable forwarding packet.*
13:11:33-355	*R4* *ICMP_packet*	*Network*	*Forwarding packet from ProtocolStack(to 200.0.4.1).*
13:11:33-355	*R4* *Ethernet Packet*	*Link*	*Sending packet from interface B6:A7:2E:40:2B:B8*
13:11:33-355	*R3* *Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 14:3F:C5:A0:A8:BF*
13:11:33-355	*R3* *ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-355	*R3* *ICMP_packet*	*Network*	*Packet Received: Network Layer Device is Routable forwarding packet.*
13:11:33-355	*R3* *ICMP_packet*	*Network*	*Forwarding packet from ProtocolStack(to 200.0.3.3).*
13:11:33-355	*R3* *Ethernet Packet*	*Link*	*Sending packet from interface 87:77:3B:A3:B9:2A*
13:11:33-355	*R2* *Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 2C:AD:1C:AC:A4:61*
13:11:33-355	*R2* *ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-355	*R2* *ICMP_packet*	*Network*	*Packet Received: Network Layer Device is Routable forwarding packet.*
13:11:33-355	*R2* *ICMP_packet*	*Network*	*Forwarding packet from ProtocolStack(to 200.0.2.1).*
13:11:33-355	*R2* *Ethernet Packet*	*Link*	*Sending packet from interface 6F:34:97:24:AA:97*
13:11:33-355	*R1* *Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 18:71:B4:6C:68:1D*
13:11:33-355	*R1* *ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-355	*R1* *ICMP_packet*	*Network*	*Packet Received: Network Layer Device is Routable forwarding packet.*
13:11:33-355	*R1* *ICMP_packet*	*Network*	*Forwarding packet from ProtocolStack(to 200.0.1.1).*
13:11:33-355	*R1* *Ethernet Packet*	*Link*	*Sending packet from interface 97:2E:4C:40:2E:67*
13:11:33-355	*pc1* *Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 23:3E:15:B8:8C:6C*
13:11:33-355	*pc1* *ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:11:33-355	*pc1* *ICMP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:11:33-355	*pc1* *Echo Reply Packet*	*Network*	*Echo reply packet received from 200.0.7.2*
13:11:33-355	*pc3* *Ethernet Packet*	*Link*	*Recieved and dropped packet at interface B5:32:1D:78:85:2E*
13:11:33-355	*pc3* *Ethernet Packet*	*Link*	*Recieved and dropped packet at interface B5:32:1D:78:85:2E*

ПРИЛОЖЕНИЕ Б

РЕЗУЛЬТАТЫ ECHO-ЗАПРОСА К1 (PC1) – К3 (PC3)

Time	Device	Packet	Layer	Description
13:12:49-171	pc1	Echo Request Packet	Network	Created Echo Request packet to 200.0.3.2
13:12:49-171	pc1	ICMP_packet	Network	Sending packet from ProtocolStack (to 200.0.1.2).
13:12:49-172	pc1	Ethernet Packet	Link	Sending packet from interface 23:3E:15:B8:8C:6C
13:12:49-172	R1	Ethernet Packet	Link	Recieved and accepted packet at interface 97:2E:4C:40:2E:67
13:12:49-172	R1	ICMP_packet	Network	ProtocolStack received packet from local Interface.
13:12:49-172	R1	ICMP_packet	Network	Packet Received: Network Layer Device is Routable forwarding packet.
13:12:49-172	R1	ICMP_packet	Network	Forwarding packet from ProtocolStack(to 200.0.2.2).
13:12:49-172	R1	Ethernet Packet	Link	Sending packet from interface 18:71:B4:6C:68:1D
13:12:49-172	R2	Ethernet Packet	Link	Recieved and accepted packet at interface 6F:34:97:24:AA:97
13:12:49-172	R2	ICMP_packet	Network	ProtocolStack received packet from local Interface.
13:12:49-172	R2	ICMP_packet	Network	Packet Received: Network Layer Device is Routable forwarding packet.
13:12:49-172	R2	ARP Discovery Packet	DataLink	Created ARP discovery packet to source MAC address for IP 200.0.3.2
13:12:49-172	R2	ARP_packet	Network	Sending broadcast packet from ProtocolStack.
13:12:49-172	R2	Ethernet Packet	Link	Sending packet from interface 2C:AD:1C:AC:A4:61
13:12:49-172	R3	Ethernet Packet	Link	Recieved and accepted packet at interface 87:77:3B:A3:B9:2A
13:12:49-172	R3	ARP_packet	Network	ProtocolStack received packet from local Interface.
13:12:49-172	pc3	Ethernet Packet	Link	Recieved and accepted packet at interface B5:32:1D:78:85:2E
13:12:49-172	pc3	ARP_packet	Network	ProtocolStack received packet from local Interface.
13:12:49-172	pc3	ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
13:12:49-172	pc3	ARP Response Packet	DataLink	Created ARP Response packet to 200.0.3.3
13:12:49-172	pc3	ARP_packet	Network	Sending packet from ProtocolStack (to 200.0.3.3).
13:12:49-172	pc3	Ethernet Packet	Link	Sending packet from interface B5:32:1D:78:85:2E
13:12:49-172	R3	Ethernet Packet	Link	Recieved and dropped packet at interface 87:77:3B:A3:B9:2A
13:12:49-172	R2	Ethernet Packet	Link	Recieved and accepted packet at interface 2C:AD:1C:AC:A4:61
13:12:49-172	R2	ARP_packet	Network	ProtocolStack received packet from local Interface.
13:12:49-	R2	ARP_packet	Network	Confirmed Packet is for this Network Layer Device.

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13:12:49-172	*R2*	*ICMP_packet*	*Network*	*Forwarding packet from ProtocolStack(to 200.0.3.2).*
13:12:49-172	*R2*	*Ethernet Packet*	*Link*	*Sending packet from interface 2C:AD:1C:AC:A4:61*
13:12:49-172	*R3*	*Ethernet Packet*	*Link*	*Recieved and dropped packet at interface 87:77:3B:A3:B9:2A*
13:12:49-172	*pc3*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface B5:32:1D:78:85:2E*
13:12:49-172	*pc3*	*ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:12:49-172	*pc3*	*ICMP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:12:49-172	*pc3*	*Echo Reply Packet*	*Network*	*Created Echo Reply packet to 200.0.1.1*
13:12:49-172	*pc3*	*ARP Discovery Packet*	*DataLink*	*Created ARP discovery packet to source MAC address for IP 200.0.2.2*
13:12:49-172	*pc3*	*ARP_packet*	*Network*	*Sending broadcast packet from ProtocolStack.*
13:12:49-172	*pc3*	*Ethernet Packet*	*Link*	*Sending packet from interface B5:32:1D:78:85:2E*
13:12:49-172	*R3*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 87:77:3B:A3:B9:2A*
13:12:49-172	*R3*	*ARP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:12:49-172	*R2*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 2C:AD:1C:AC:A4:61*
13:12:49-172	*R2*	*ARP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:12:49-172	*R2*	*ARP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:12:49-172	*R2*	*ARP Response Packet*	*DataLink*	*Created ARP Response packet to 200.0.3.2*
13:12:49-172	*R2*	*ARP_packet*	*Network*	*Sending packet from ProtocolStack (to 200.0.3.2).*
13:12:49-172	*R2*	*Ethernet Packet*	*Link*	*Sending packet from interface 2C:AD:1C:AC:A4:61*
13:12:49-173	*R3*	*Ethernet Packet*	*Link*	*Recieved and dropped packet at interface 87:77:3B:A3:B9:2A*
13:12:49-173	*pc3*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface B5:32:1D:78:85:2E*
13:12:49-173	*pc3*	*ARP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:12:49-173	*pc3*	*ARP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:12:49-173	*pc3*	*ICMP_packet*	*Network*	*Sending packet from ProtocolStack (to 200.0.2.2).*
13:12:49-173	*pc3*	*Ethernet Packet*	*Link*	*Sending packet from interface B5:32:1D:78:85:2E*
13:12:49-173	*R3*	*Ethernet Packet*	*Link*	*Recieved and dropped packet at interface 87:77:3B:A3:B9:2A*
13:12:49-173	*R2*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 2C:AD:1C:AC:A4:61*
13:12:49-173	*R2*	*ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*

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13:12:49-173	*R2*	*ICMP_packet*	*Network*	*Packet Received: Network Layer Device is Routable forwarding packet.*
13:12:49-173	*R2*	*ICMP_packet*	*Network*	*Forwarding packet from ProtocolStack(to 200.0.2.1).*
13:12:49-173	*R2*	*Ethernet Packet*	*Link*	*Sending packet from interface 6F:34:97:24:AA:97*
13:12:49-173	*R1*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 18:71:B4:6C:68:1D*
13:12:49-173	*R1*	*ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:12:49-173	*R1*	*ICMP_packet*	*Network*	*Packet Received: Network Layer Device is Routable forwarding packet.*
13:12:49-173	*R1*	*ICMP_packet*	*Network*	*Forwarding packet from ProtocolStack(to 200.0.1.1).*
13:12:49-173	*R1*	*Ethernet Packet*	*Link*	*Sending packet from interface 97:2E:4C:40:2E:67*
13:12:49-173	*pc1*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 23:3E:15:B8:8C:6C*
13:12:49-173	*pc1*	*ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:12:49-173	*pc1*	*ICMP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:12:49-173	*pc1*	*Echo Reply Packet*	*Network*	*Echo reply packet received from 200.0.3.2*

РЕЗУЛЬТАТЫ ECHO-ЗАПРОСА К2 (РС2) – К3 (РС3)

13:13:58-465	pc2 Echo Request Packet	Network	Created Echo Request packet to 200.0.3.2
13:13:58-465	pc2 ARP Discovery Packet	DataLink	Created ARP discovery packet to source MAC address for IP 200.0.7.1
13:13:58-465	pc2 ARP_packet	Network	Sending broadcast packet from ProtocolStack.
13:13:58-465	pc2 Ethernet Packet	Link	Sending packet from interface 1E:B7:7E:3E:43:26
13:13:58-465	R6 Ethernet Packet	Link	Recieved and accepted packet at interface 5B:8D:A1:72:8F:BB
13:13:58-465	R6 ARP_packet	Network	ProtocolStack received packet from local Interface.
13:13:58-465	R6 ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
13:13:58-465	R6 ARP Response Packet	DataLink	Created ARP Response packet to 200.0.7.2
13:13:58-465	R6 ARP_packet	Network	Sending packet from ProtocolStack (to 200.0.7.2).
13:13:58-465	R6 Ethernet Packet	Link	Sending packet from interface 5B:8D:A1:72:8F:BB
13:13:58-465	pc2 Ethernet Packet	Link	Recieved and accepted packet at interface 1E:B7:7E:3E:43:26
13:13:58-465	pc2 ARP_packet	Network	ProtocolStack received packet from local Interface.
13:13:58-465	pc2 ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
13:13:58-465	pc2 ICMP_packet	Network	Sending packet from ProtocolStack (to 200.0.7.1).
13:13:58-465	pc2 Ethernet Packet	Link	Sending packet from interface 1E:B7:7E:3E:43:26
13:13:58-466	R6 Ethernet Packet	Link	Recieved and accepted packet at interface 5B:8D:A1:72:8F:BB
13:13:58-466	R6 ICMP_packet	Network	ProtocolStack received packet from local Interface.
13:13:58-466	R6 ICMP_packet	Network	Packet Received: Network Layer Device is Routable forwarding packet.
13:13:58-466	R6 ARP Discovery Packet	DataLink	Created ARP discovery packet to source MAC address for IP 200.0.6.1
13:13:58-466	R6 ARP_packet	Network	Sending broadcast packet from ProtocolStack.
13:13:58-466	R6 Ethernet Packet	Link	Sending packet from interface 7B:75:9B:80:BB:30
13:13:58-466	R5 Ethernet Packet	Link	Recieved and accepted packet at interface 48:75:B2:82:2F:35
13:13:58-466	R5 ARP_packet	Network	ProtocolStack received packet from local Interface.
13:13:58-466	R5 ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
13:13:58-466	R5 ARP Response Packet	DataLink	Created ARP Response packet to 200.0.6.2
13:13:58-	R5 ARP_packet	Network	Sending packet from ProtocolStack (to 200.0.6.2).

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13:13:58-466	R5	Ethernet Packet	Link	Sending packet from interface 48:75:B2:82:2F:35
13:13:58-466	R6	Ethernet Packet	Link	Recieved and accepted packet at interface 7B:75:9B:80:BB:30
13:13:58-466	R6	ARP_packet	Network	ProtocolStack received packet from local Interface.
13:13:58-466	R6	ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
13:13:58-466	R6	ICMP_packet	Network	Forwarding packet from ProtocolStack(to 200.0.6.1).
13:13:58-466	R6	Ethernet Packet	Link	Sending packet from interface 7B:75:9B:80:BB:30
13:13:58-466	R5	Ethernet Packet	Link	Recieved and accepted packet at interface 48:75:B2:82:2F:35
13:13:58-466	R5	ICMP_packet	Network	ProtocolStack received packet from local Interface.
13:13:58-466	R5	ICMP_packet	Network	Packet Received: Network Layer Device is Routable forwarding packet.
13:13:58-466	R5	ARP Discovery Packet	DataLink	Created ARP discovery packet to source MAC address for IP 200.0.5.1
13:13:58-466	R5	ARP_packet	Network	Sending broadcast packet from ProtocolStack.
13:13:58-466	R5	Ethernet Packet	Link	Sending packet from interface 98:24:76:C1:13:78
13:13:58-466	R4	Ethernet Packet	Link	Recieved and accepted packet at interface 20:7B:BB:25:AB:BC
13:13:58-466	R4	ARP_packet	Network	ProtocolStack received packet from local Interface.
13:13:58-466	R4	ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
13:13:58-466	R4	ARP Response Packet	DataLink	Created ARP Response packet to 200.0.5.2
13:13:58-466	R4	ARP_packet	Network	Sending packet from ProtocolStack (to 200.0.5.2).
13:13:58-466	R4	Ethernet Packet	Link	Sending packet from interface 20:7B:BB:25:AB:BC
13:13:58-466	R5	Ethernet Packet	Link	Recieved and accepted packet at interface 98:24:76:C1:13:78
13:13:58-466	R5	ARP_packet	Network	ProtocolStack received packet from local Interface.
13:13:58-466	R5	ARP_packet	Network	Confirmed Packet is for this Network Layer Device.
13:13:58-466	R5	ICMP_packet	Network	Forwarding packet from ProtocolStack(to 200.0.5.1).
13:13:58-466	R5	Ethernet Packet	Link	Sending packet from interface 98:24:76:C1:13:78
13:13:58-466	R4	Ethernet Packet	Link	Recieved and accepted packet at interface 20:7B:BB:25:AB:BC
13:13:58-466	R4	ICMP_packet	Network	ProtocolStack received packet from local Interface.
13:13:58-466	R4	ICMP_packet	Network	Packet Received: Network Layer Device is Routable forwarding packet.
13:13:58-466	R4	ARP Discovery Packet	DataLink	Created ARP discovery packet to source MAC address for IP 200.0.4.1

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13:13:58-466	*R4 ARP_packet*	*Network*	*Sending broadcast packet from ProtocolStack.*
13:13:58-466	*R4 Ethernet Packet*	*Link*	*Sending packet from interface B6:A7:2E:40:2B:B8*
13:13:58-466	*R3 Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 14:3F:C5:A0:A8:BF*
13:13:58-466	*R3 ARP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:13:58-466	*R3 ARP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:13:58-466	*R3 ARP Response Packet*	*DataLink*	*Created ARP Response packet to 200.0.4.2*
13:13:58-466	*R3 ARP_packet*	*Network*	*Sending packet from ProtocolStack (to 200.0.4.2).*
13:13:58-466	*R3 Ethernet Packet*	*Link*	*Sending packet from interface 14:3F:C5:A0:A8:BF*
13:13:58-466	*R4 Ethernet Packet*	*Link*	*Recieved and accepted packet at interface B6:A7:2E:40:2B:B8*
13:13:58-466	*R4 ARP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:13:58-466	*R4 ARP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:13:58-466	*R4 ICMP_packet*	*Network*	*Forwarding packet from ProtocolStack(to 200.0.4.1).*
13:13:58-466	*R4 Ethernet Packet*	*Link*	*Sending packet from interface B6:A7:2E:40:2B:B8*
13:13:58-466	*R3 Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 14:3F:C5:A0:A8:BF*
13:13:58-466	*R3 ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:13:58-466	*R3 ICMP_packet*	*Network*	*Packet Received: Network Layer Device is Routable forwarding packet.*
13:13:58-466	*R3 ARP Discovery Packet*	*DataLink*	*Created ARP discovery packet to source MAC address for IP 200.0.3.2*
13:13:58-466	*R3 ARP_packet*	*Network*	*Sending broadcast packet from ProtocolStack.*
13:13:58-466	*R3 Ethernet Packet*	*Link*	*Sending packet from interface 87:77:3B:A3:B9:2A*
13:13:58-466	*R2 Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 2C:AD:1C:AC:A4:61*
13:13:58-466	*R2 ARP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:13:58-466	*pc3 Ethernet Packet*	*Link*	*Recieved and accepted packet at interface B5:32:1D:78:85:2E*
13:13:58-466	*pc3 ARP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:13:58-466	*pc3 ARP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:13:58-466	*pc3 ARP Response Packet*	*DataLink*	*Created ARP Response packet to 200.0.3.1*
13:13:58-466	*pc3 ARP_packet*	*Network*	*Sending packet from ProtocolStack (to 200.0.3.1).*
13:13:58-466	*pc3 Ethernet Packet*	*Link*	*Sending packet from interface B5:32:1D:78:85:2E*
13:13:58-	*R3 Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 87:77:3B:A3:B9:2A*

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13:13:58-466			
13:13:58-466	*R3 ARP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:13:58-466	*R3 ARP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:13:58-466	*R2 Ethernet Packet*	*Link*	*Recieved and dropped packet at interface 2C:AD:1C:AC:A4:61*
13:13:58-466	*R3 ICMP_packet*	*Network*	*Forwarding packet from ProtocolStack(to 200.0.3.2).*
13:13:58-466	*R3 Ethernet Packet*	*Link*	*Sending packet from interface 87:77:3B:A3:B9:2A*
13:13:58-466	*R2 Ethernet Packet*	*Link*	*Recieved and dropped packet at interface 2C:AD:1C:AC:A4:61*
13:13:58-466	*pc3 Ethernet Packet*	*Link*	*Recieved and accepted packet at interface B5:32:1D:78:85:2E*
13:13:58-466	*pc3 ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:13:58-466	*pc3 ICMP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:13:58-466	*pc3 Echo Reply Packet*	*Network*	*Created Echo Reply packet to 200.0.7.2*
13:13:58-466	*pc3 ARP Discovery Packet*	*DataLink*	*Created ARP discovery packet to source MAC address for IP 200.0.4.1*
13:13:58-466	*pc3 ARP_packet*	*Network*	*Sending broadcast packet from ProtocolStack.*
13:13:58-466	*pc3 Ethernet Packet*	*Link*	*Sending packet from interface B5:32:1D:78:85:2E*
13:13:58-466	*R3 Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 87:77:3B:A3:B9:2A*
13:13:58-466	*R3 ARP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:13:58-466	*R3 ARP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:13:58-466	*R3 ARP Response Packet*	*DataLink*	*Created ARP Response packet to 200.0.3.2*
13:13:58-466	*R3 ARP_packet*	*Network*	*Sending packet from ProtocolStack (to 200.0.3.2).*
13:13:58-466	*R3 Ethernet Packet*	*Link*	*Sending packet from interface 87:77:3B:A3:B9:2A*
13:13:58-466	*R2 Ethernet Packet*	*Link*	*Recieved and dropped packet at interface 2C:AD:1C:AC:A4:61*
13:13:58-466	*pc3 Ethernet Packet*	*Link*	*Recieved and accepted packet at interface B5:32:1D:78:85:2E*
13:13:58-466	*pc3 ARP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:13:58-466	*pc3 ARP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:13:58-467	*R2 Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 2C:AD:1C:AC:A4:61*
13:13:58-467	*R2 ARP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:13:58-467	*pc3 ICMP_packet*	*Network*	*Sending packet from ProtocolStack (to 200.0.4.1).*
13:13:58-467	*pc3 Ethernet Packet*	*Link*	*Sending packet from interface B5:32:1D:78:85:2E*

13:13:58-467	*R3*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 87:77:3B:A3:B9:2A*
13:13:58-467	*R3*	*ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:13:58-467	*R3*	*ICMP_packet*	*Network*	*Packet Received: Network Layer Device is Routable forwarding packet.*
13:13:58-467	*R3*	*ICMP_packet*	*Network*	*Forwarding packet from ProtocolStack(to 200.0.4.2).*
13:13:58-467	*R3*	*Ethernet Packet*	*Link*	*Sending packet from interface 14:3F:C5:A0:A8:BF*
13:13:58-467	*R4*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface B6:A7:2E:40:2B:B8*
13:13:58-467	*R4*	*ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:13:58-467	*R4*	*ICMP_packet*	*Network*	*Packet Received: Network Layer Device is Routable forwarding packet.*
13:13:58-467	*R4*	*ICMP_packet*	*Network*	*Forwarding packet from ProtocolStack(to 200.0.5.2).*
13:13:58-467	*R4*	*Ethernet Packet*	*Link*	*Sending packet from interface 20:7B:BB:25:AB:BC*
13:13:58-467	*R5*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 98:24:76:C1:13:78*
13:13:58-467	*R5*	*ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:13:58-467	*R5*	*ICMP_packet*	*Network*	*Packet Received: Network Layer Device is Routable forwarding packet.*
13:13:58-467	*R5*	*ICMP_packet*	*Network*	*Forwarding packet from ProtocolStack(to 200.0.6.2).*
13:13:58-467	*R5*	*Ethernet Packet*	*Link*	*Sending packet from interface 48:75:B2:82:2F:35*
13:13:58-467	*R6*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 7B:75:9B:80:BB:30*
13:13:58-467	*R6*	*ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:13:58-467	*R6*	*ICMP_packet*	*Network*	*Packet Received: Network Layer Device is Routable forwarding packet.*
13:13:58-467	*R6*	*ICMP_packet*	*Network*	*Forwarding packet from ProtocolStack(to 200.0.7.2).*
13:13:58-467	*R6*	*Ethernet Packet*	*Link*	*Sending packet from interface 5B:8D:A1:72:8F:BB*
13:13:58-467	*pc2*	*Ethernet Packet*	*Link*	*Recieved and accepted packet at interface 1E:B7:7E:3E:43:26*
13:13:58-467	*pc2*	*ICMP_packet*	*Network*	*ProtocolStack received packet from local Interface.*
13:13:58-467	*pc2*	*ICMP_packet*	*Network*	*Confirmed Packet is for this Network Layer Device.*
13:13:58-467	*pc2*	*Echo Reply Packet*	*Network*	*Echo reply packet received from 200.0.3.2*
13:13:58-467	*R2*	*Ethernet Packet*	*Link*	*Recieved and dropped packet at interface 2C:AD:1C:AC:A4:61*