**Turdalin Nurassyl LAB5**

**9.1.3**

Изображение выглядит как текст

Автоматически созданное описаниеИзображение выглядит как текст

Автоматически созданное описание

**PART 1**

172.16.31.2 <= 172.16.31.3

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Device** | **Dest MAC** | **Src MAC** | **Src IPv4** | **Dest IPv4** |
| 172.16.31.3 | 000C.85CC.1DA7 | 0060.7036.2849 | 172.16.31.3 | 172.16.31.2 |
| Hub | - | - | - | - |
| 172.16.31.2 | 0060.7036.2849 | 000C.85CC.1DA7 | 172.16.31.2 | 172.16.31.3 |

172.16.31.4 <= 172.16.31.5

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Device** | **Dest MAC** | **Src MAC** | **Src IPv4** | **Dest IPv4** |
| 172.16.31.5 | 000C.CF0B.BC80 | 00D0.D311.C788 | 172.16.31.5 | 172.16.31.4 |
| Switch | 000C.CF0B.BC80 | 00D0.D311.C788 | - | - |
| 172.16.31.4 | 00D0.D311.C788 | 000C.CF0B.BC80 | 172.16.31.4 | 172.16.31.5 |

**PART 2**

Изображение выглядит как стол

Автоматически созданное описание

Изображение выглядит как текст

Автоматически созданное описание

Answers:

1. Black – **Straight Copper**, Red – **Fiber**, Wave – **Wireless**
2. No
3. No
4. HUB doesn’t understand the signals that come, he just copy and send it to everyone
5. With the data no, but it changed type of frame.
6. No
7. Layer 1, they just understand signals and bytes.
8. IDK
9. Destination
10. It was built so that switch while reading the frame made it faster to know MAC address.
11. No
12. IDK
13. In LAN there won’t be changes in MAC addresses, but if you are going to be out of your LAN through Router, it will change MAC address.
14. Router
15. Sender, receiver
16. No
17. Yes
18. There is only unique addresses
19. There is no meaning if they will be in one port, because it will be impossible, for now at least.
20. Because we are know pattern of IPv4 it would be easier to read for us, but there won’t any changes in work of network.