**Компьютерные сети. Обучение в записи**

**Урок 12. Семинар. NAT. GRE**

Оглавление

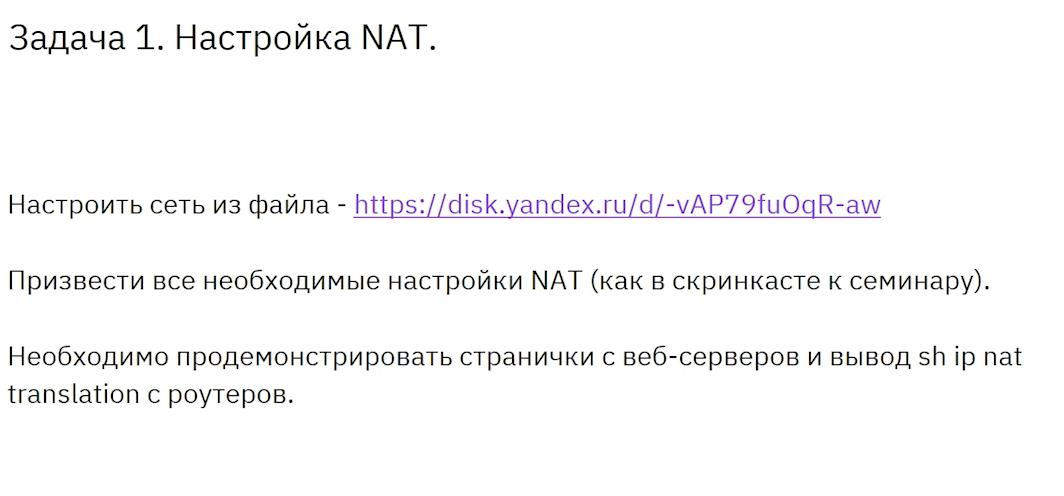
[Задача 1. Настройка NAT 2](#_Toc196430232)

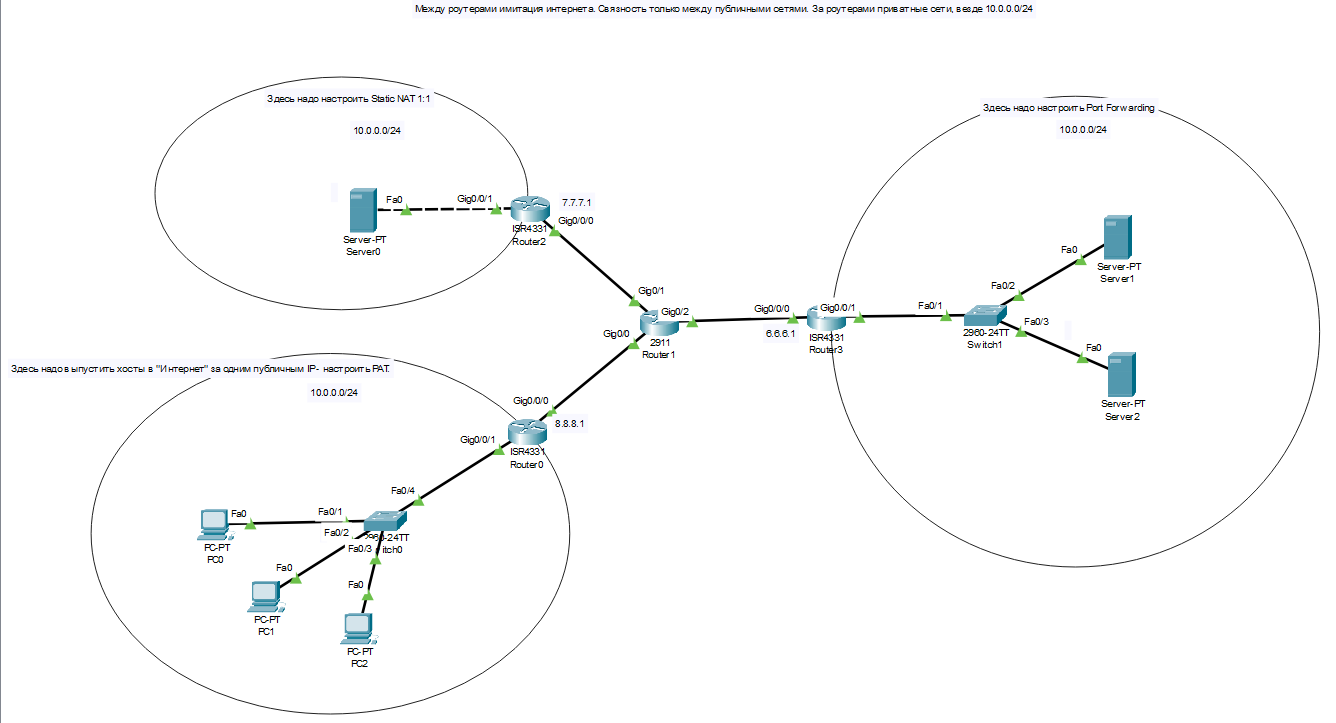
[Задача 2. Настройка GRE 6](#_Toc196430233)

[Задача 3. Настройка OpenVPN сервера 9](#_Toc196430234)

[Домашнее задание 10](#_Toc196430235)

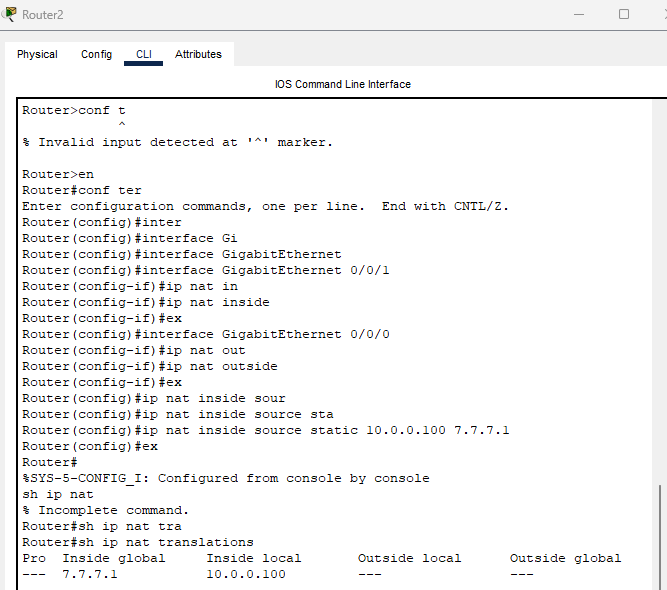
# Задача 1. Настройка NAT

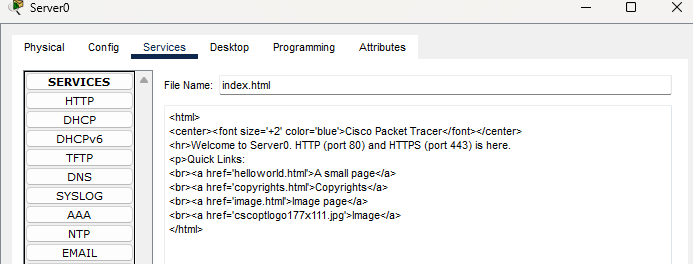
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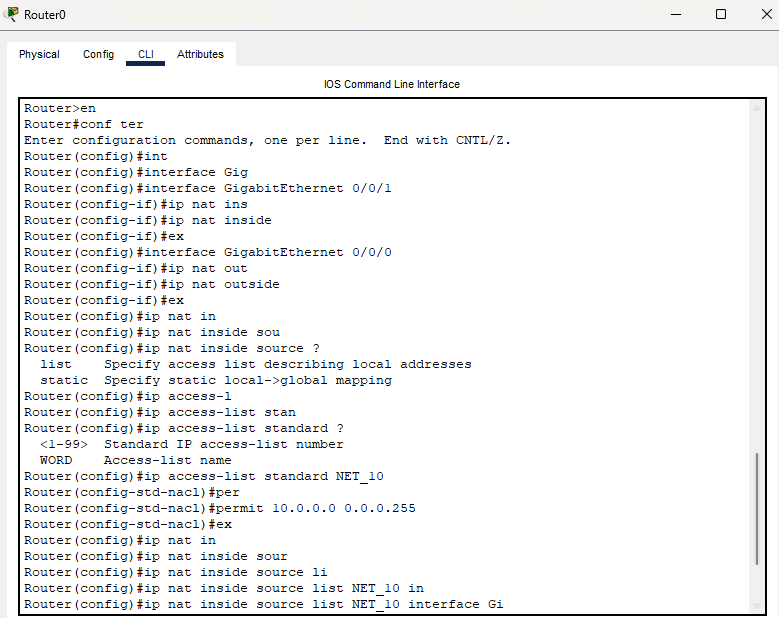
**Ход выполнения задания 1:**

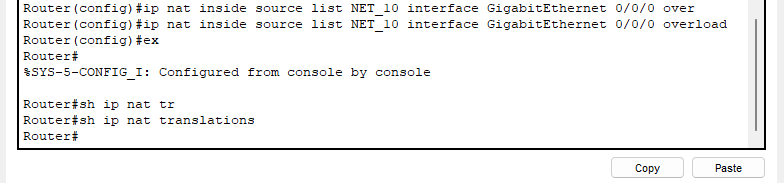
*Настройка Static NAT 1:1 (Router2 и Server0)*

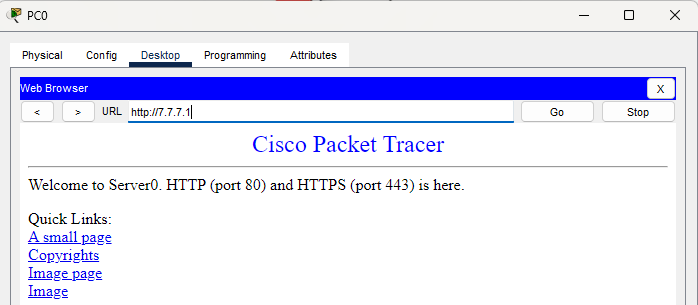


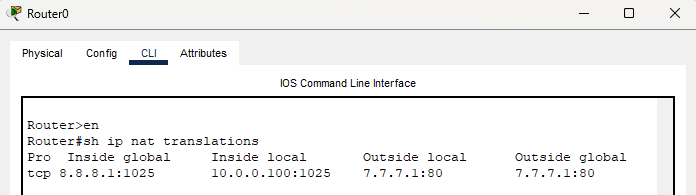


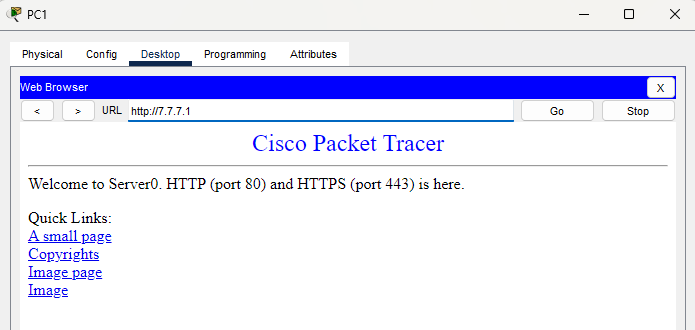
*Выпустить хосты в "Интернет" за одним публичным IP - настроить PAT.*

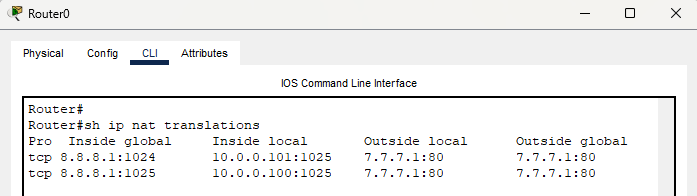


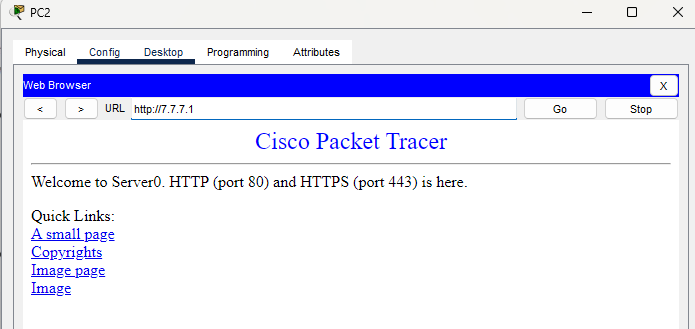


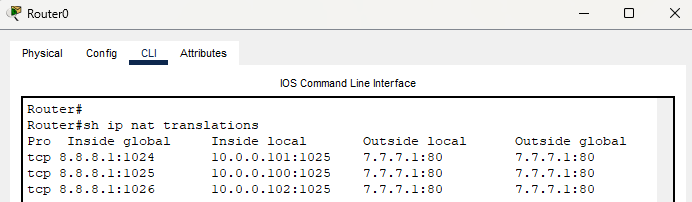




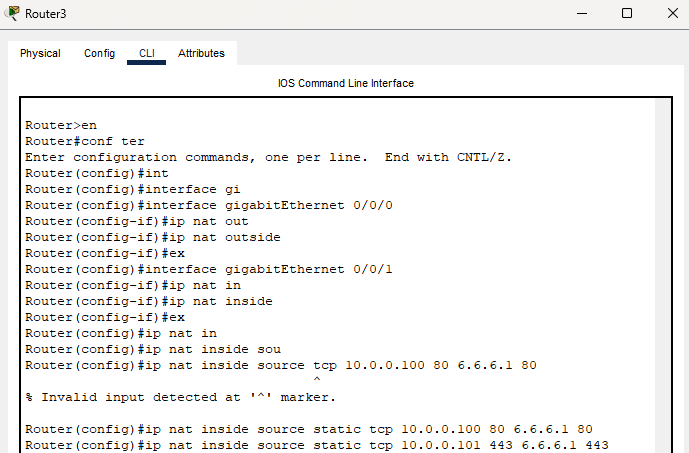


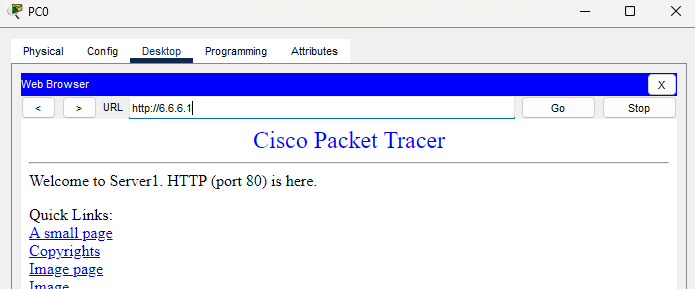


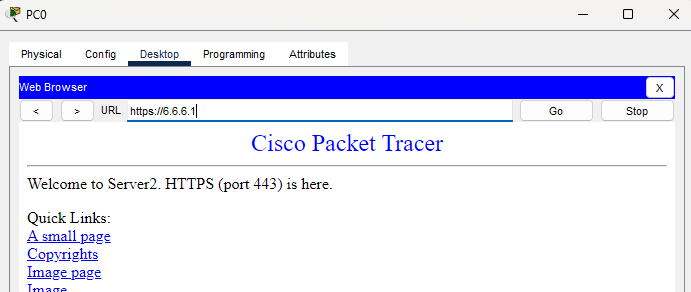




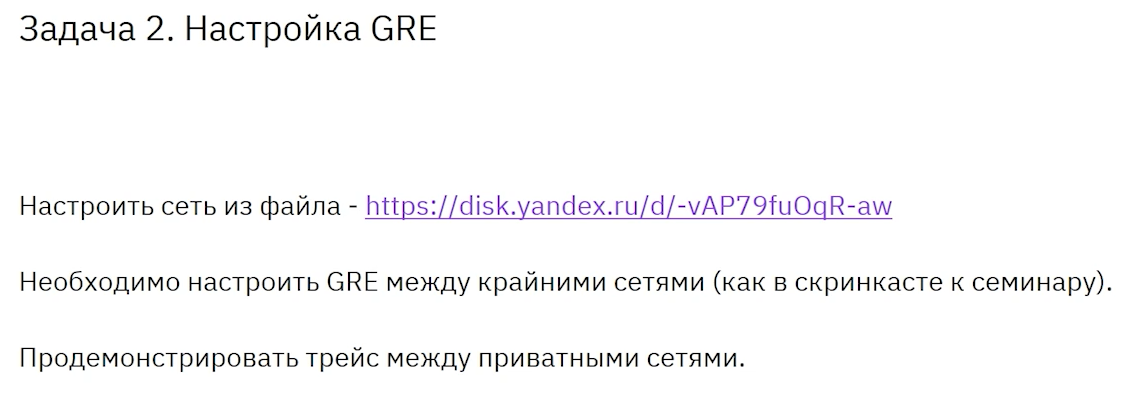
*Настроить Port Forwarding:*

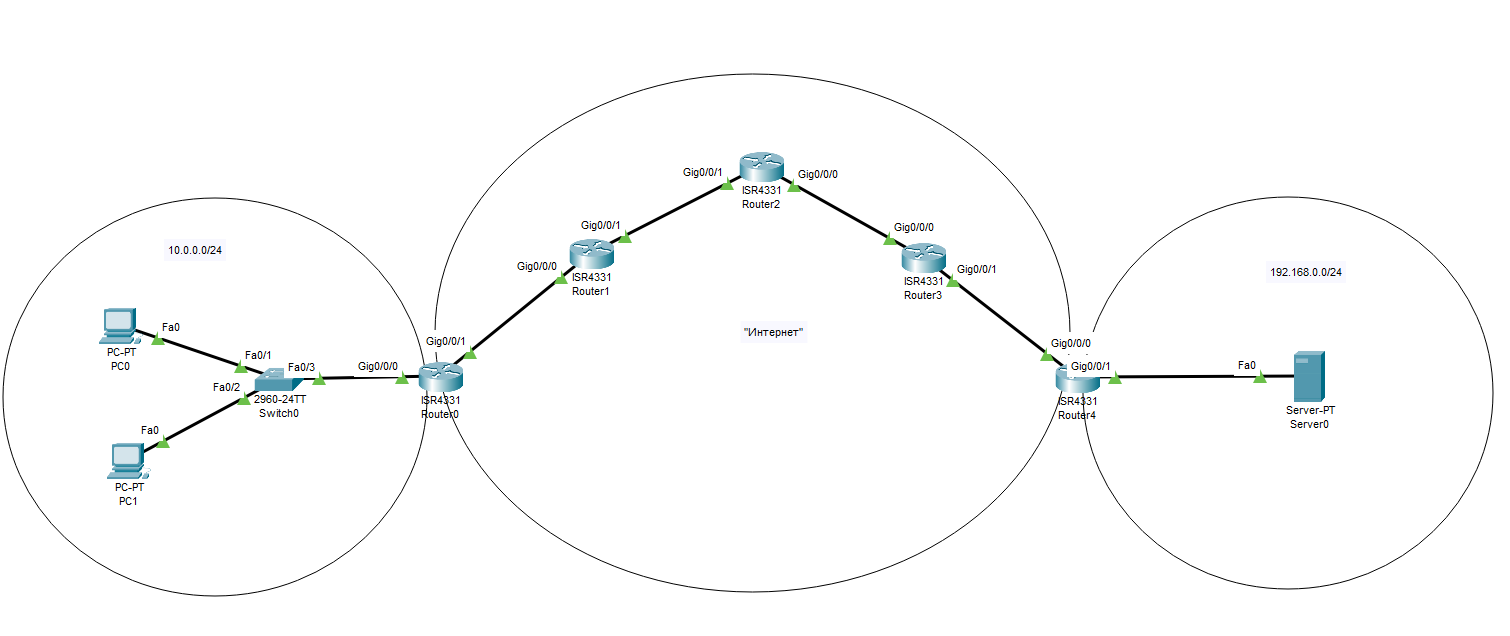
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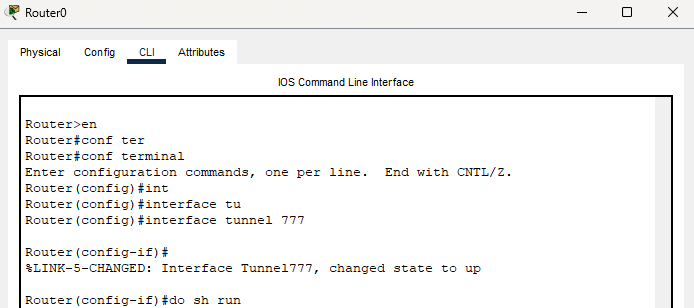
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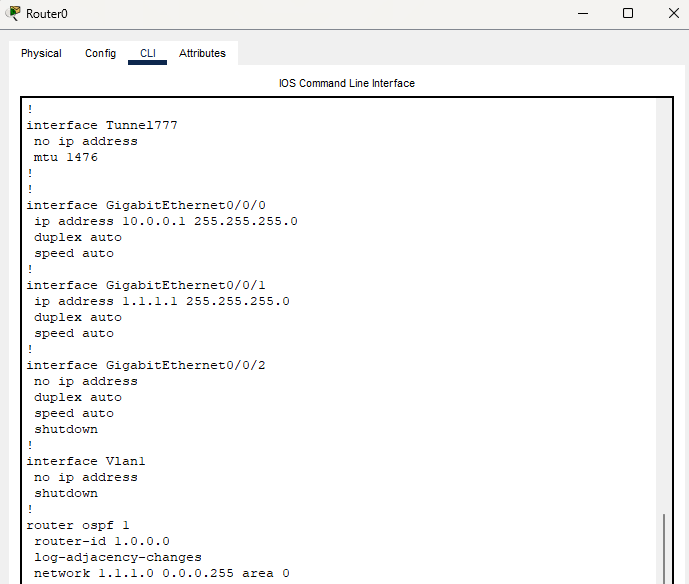
# Задача 2. Настройка GRE

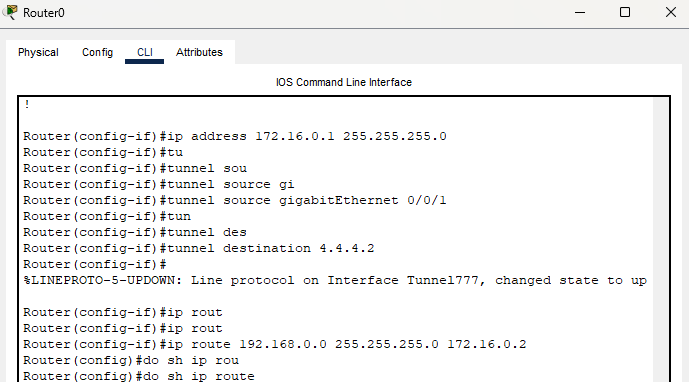
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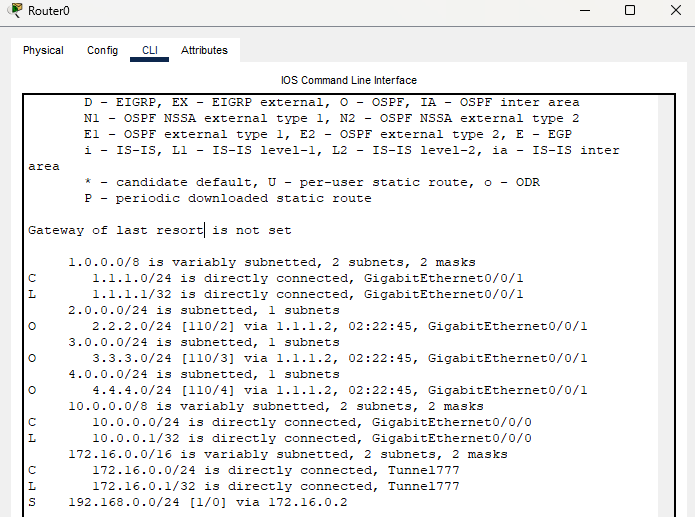
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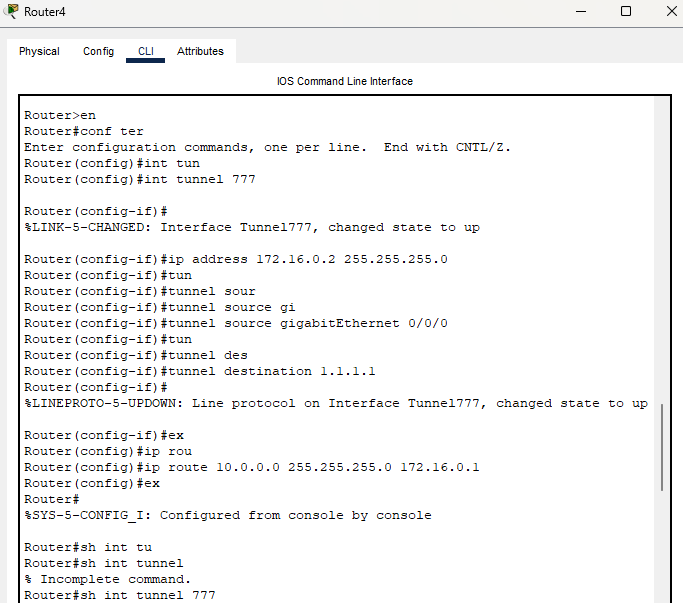
**Ход выполнения задания 2:**

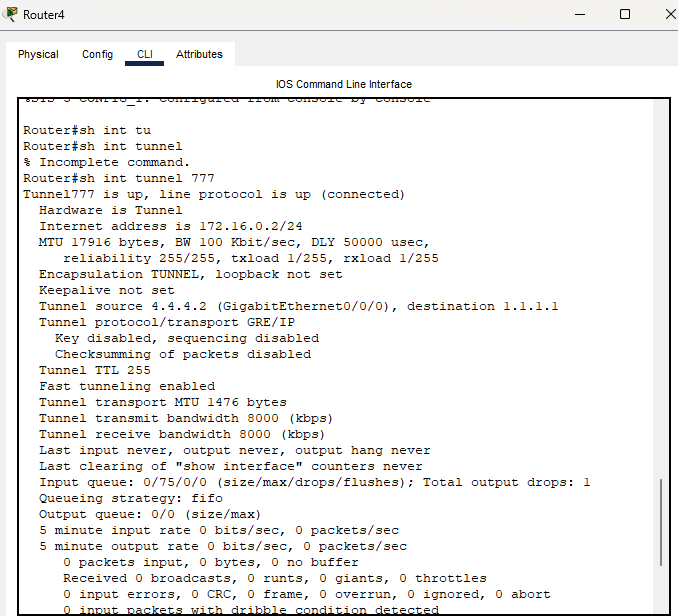
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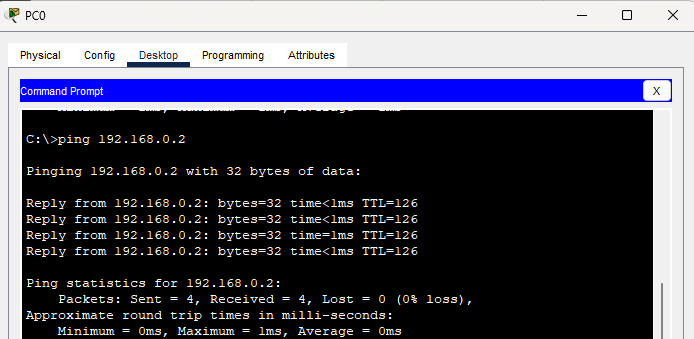
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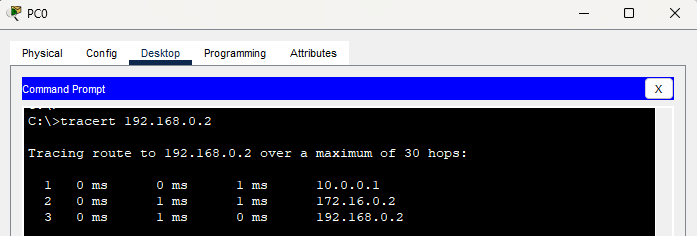
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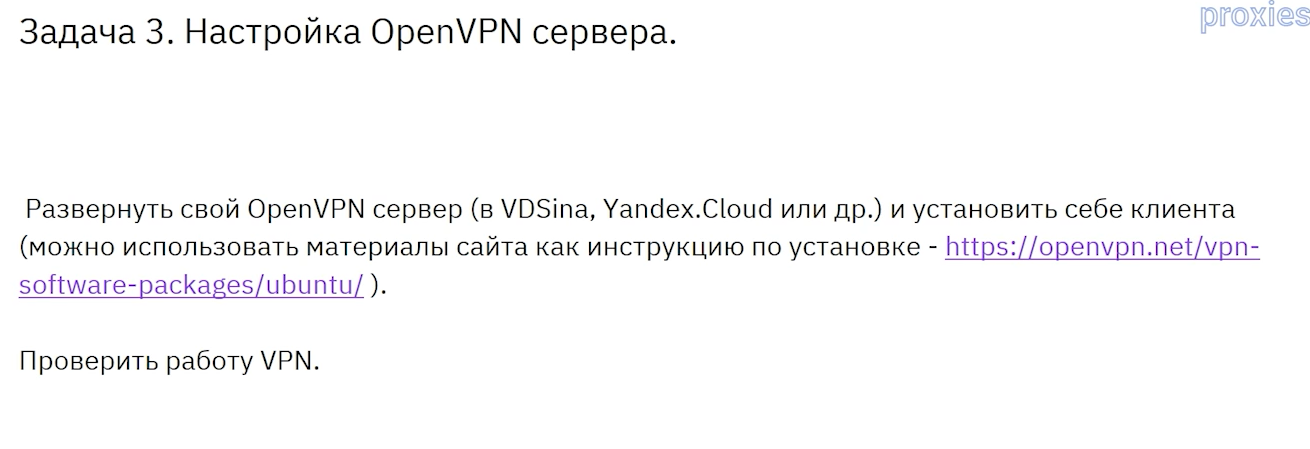
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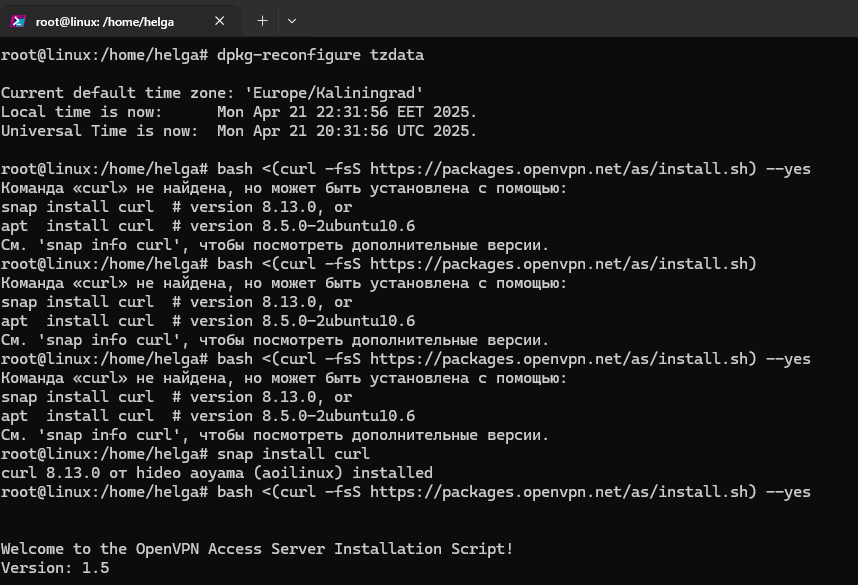
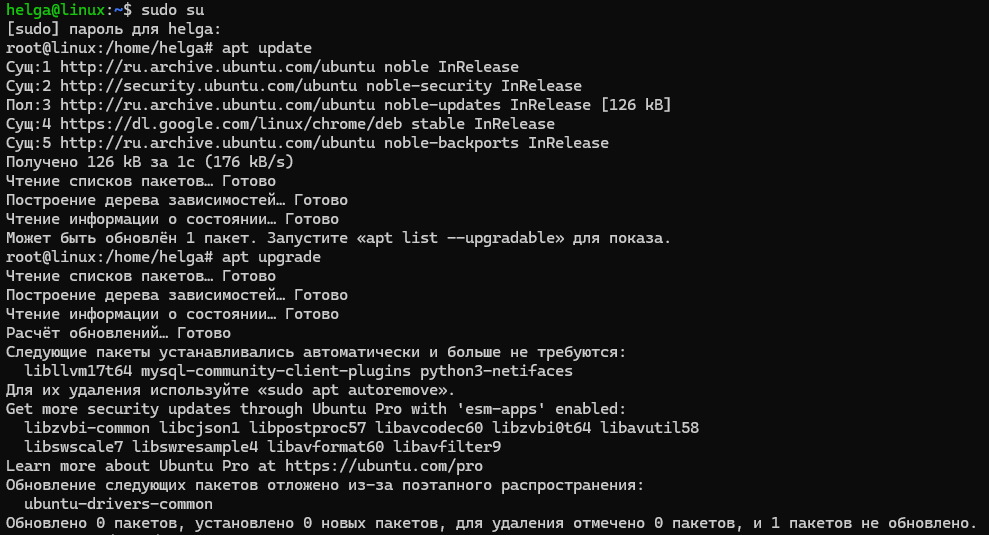
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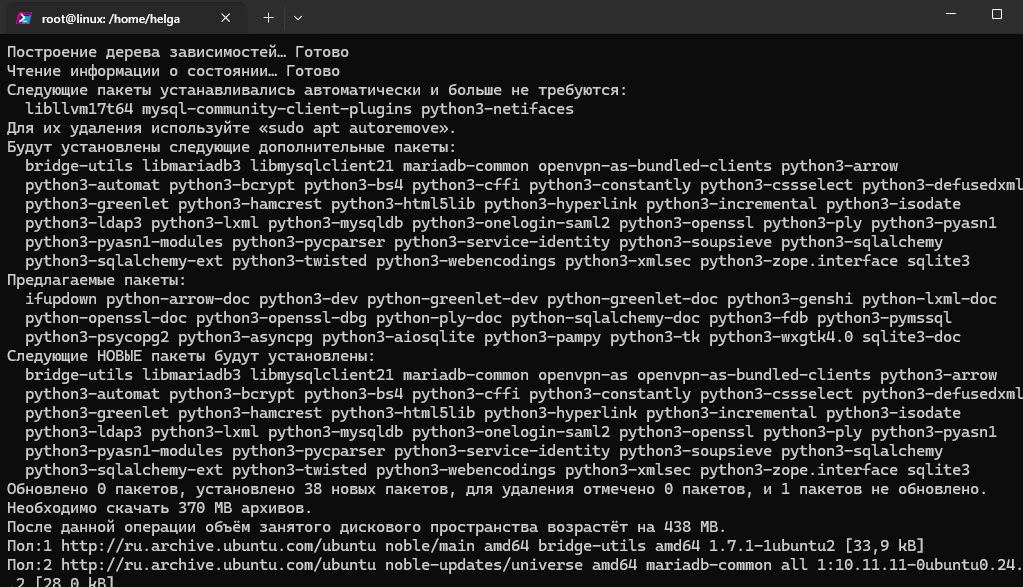
# Задача 3. Настройка OpenVPN сервера

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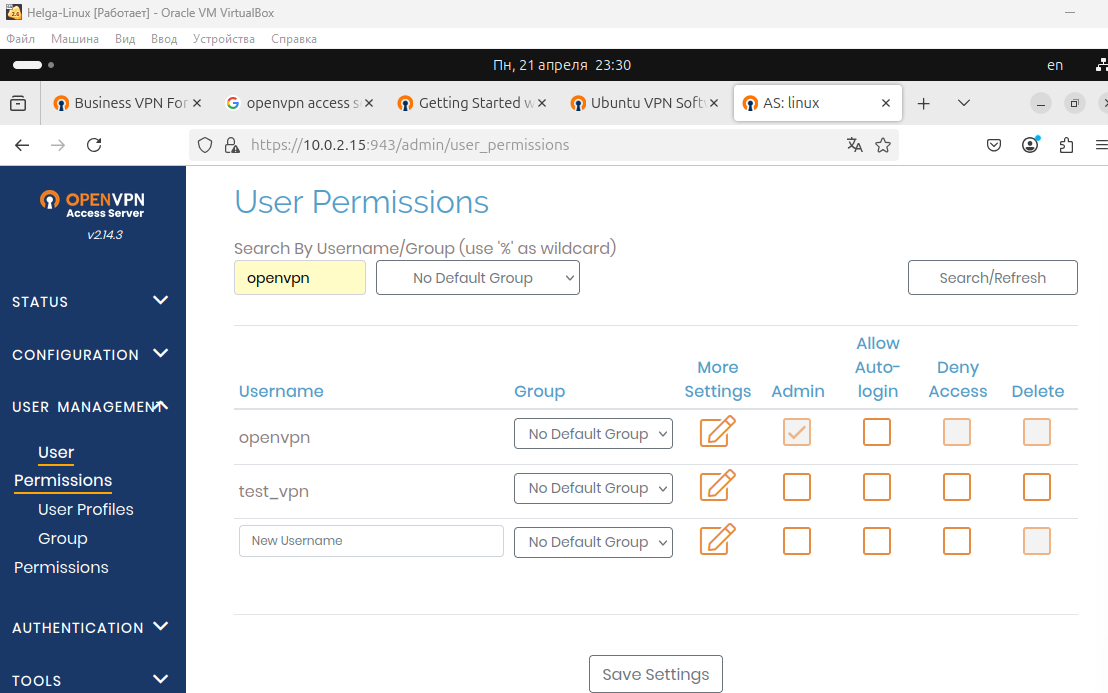
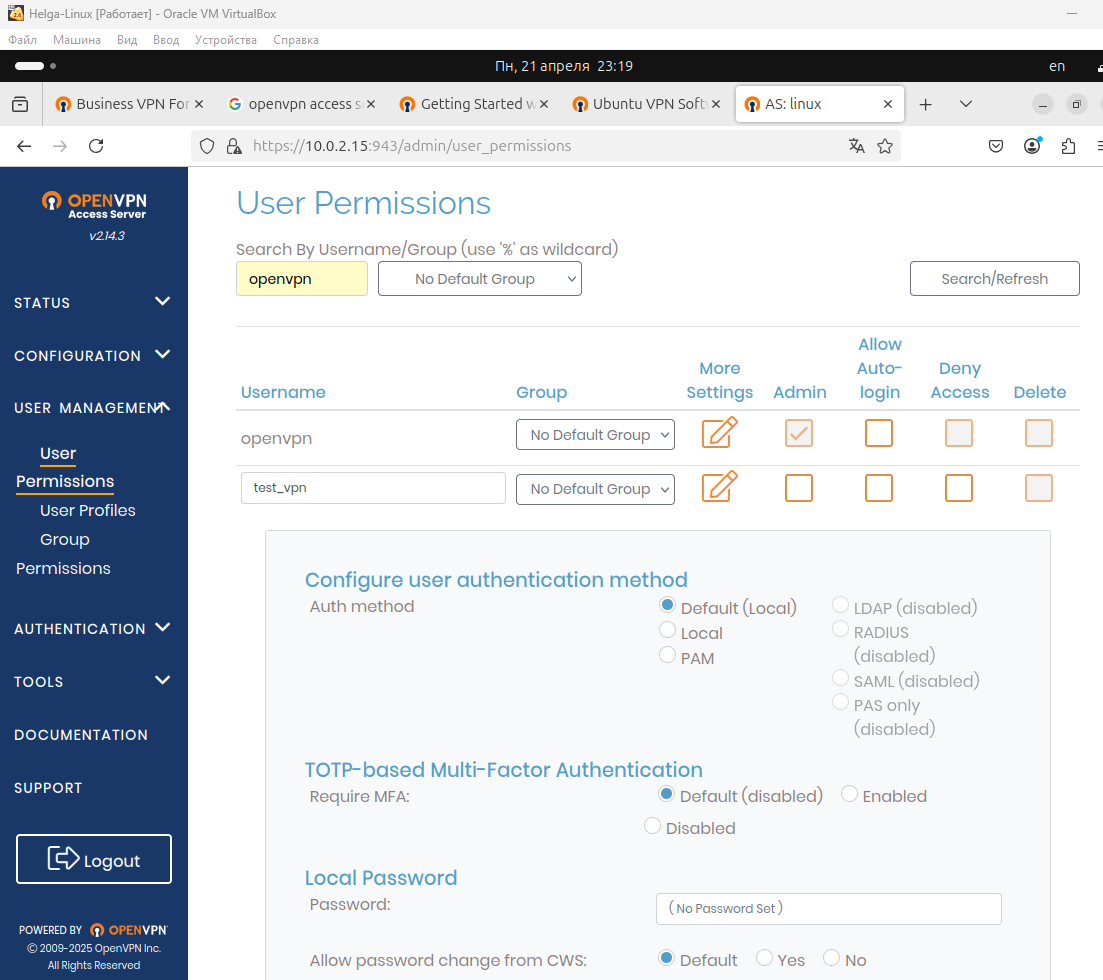
**Ход выполнения задания 3:**

*Скачивание и установка Access Server с сайта* [*https://openvpn.net/as-docs/ubuntu.html#invalid-certificate-76593*](https://openvpn.net/as-docs/ubuntu.html#invalid-certificate-76593)

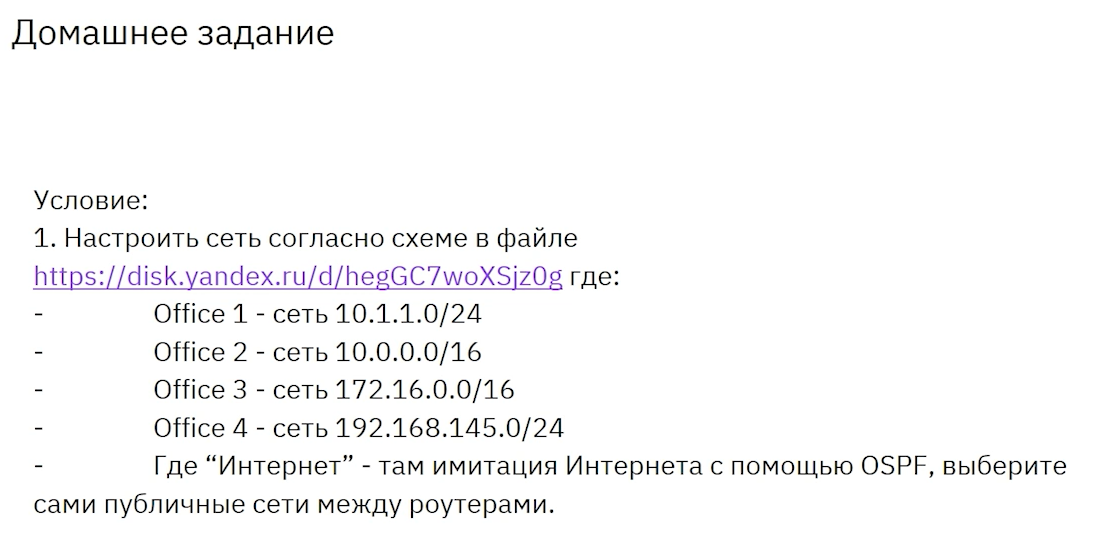


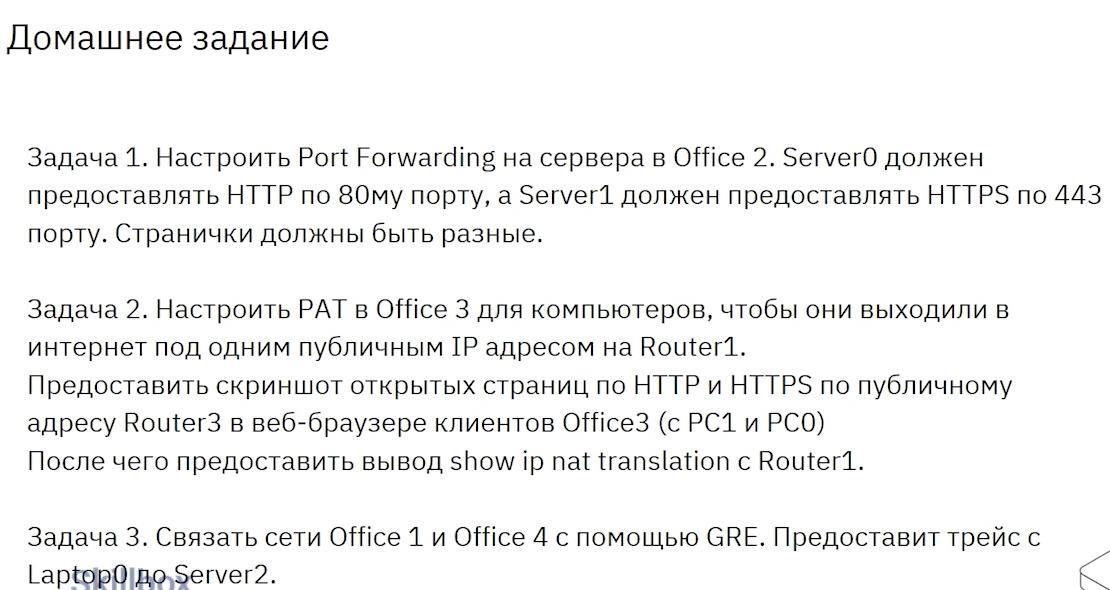


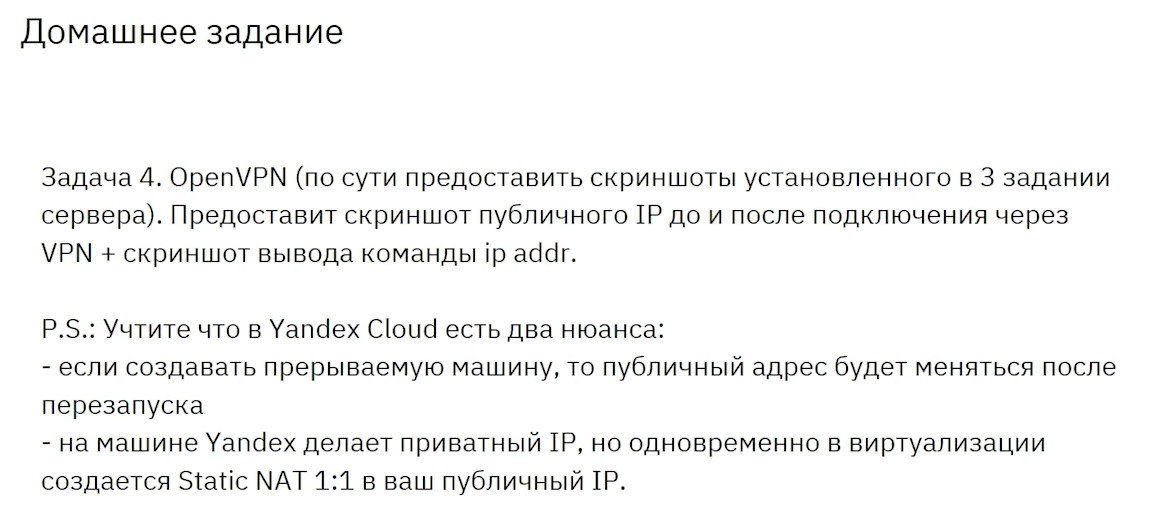
И т.д.

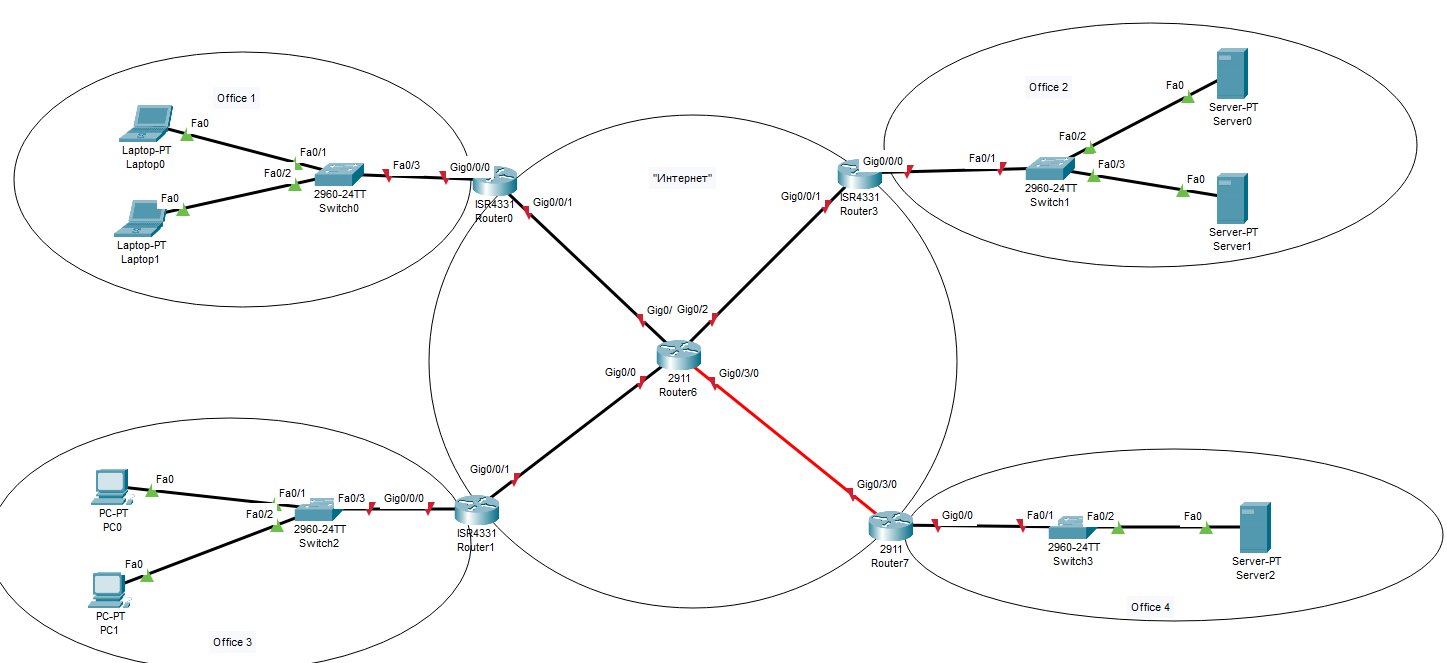


# Домашнее задание

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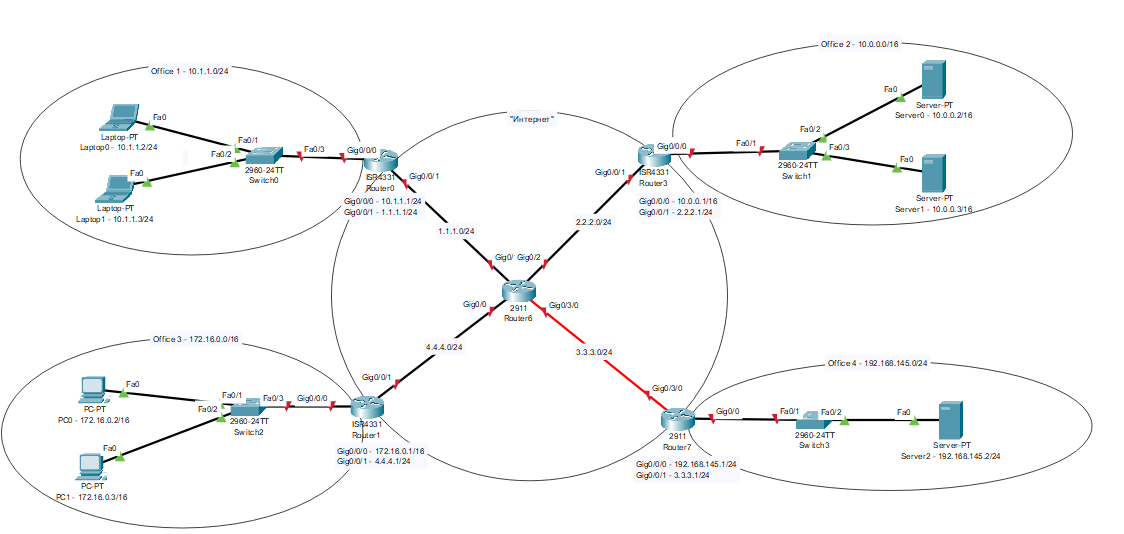
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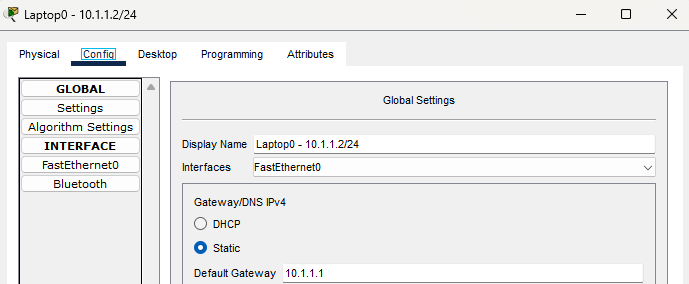
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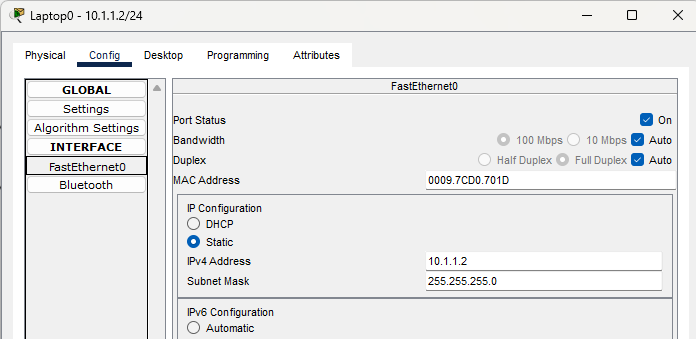
**Ход выполнения домашнего задания:**

*Задание 1:*

**

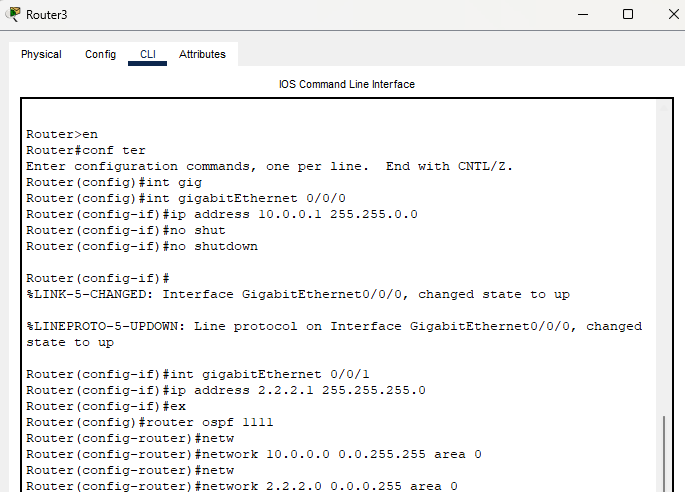
*Настройка Laptop0 (Laptop0-10.1.1.2/24)*

**

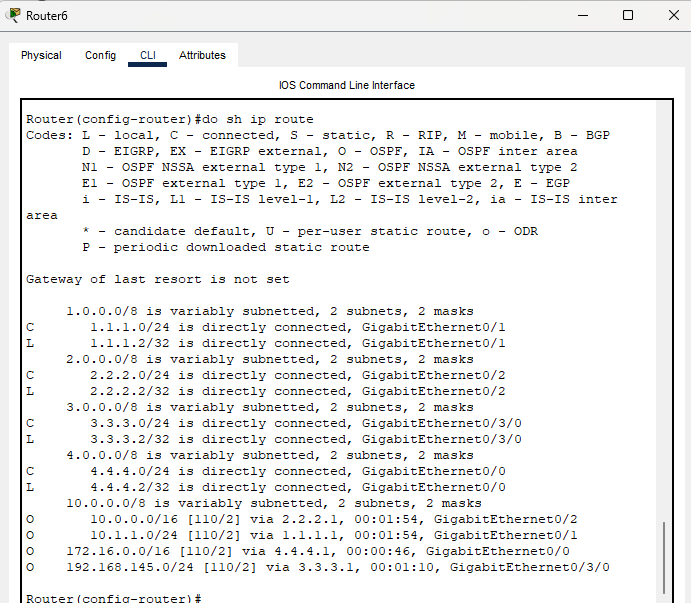
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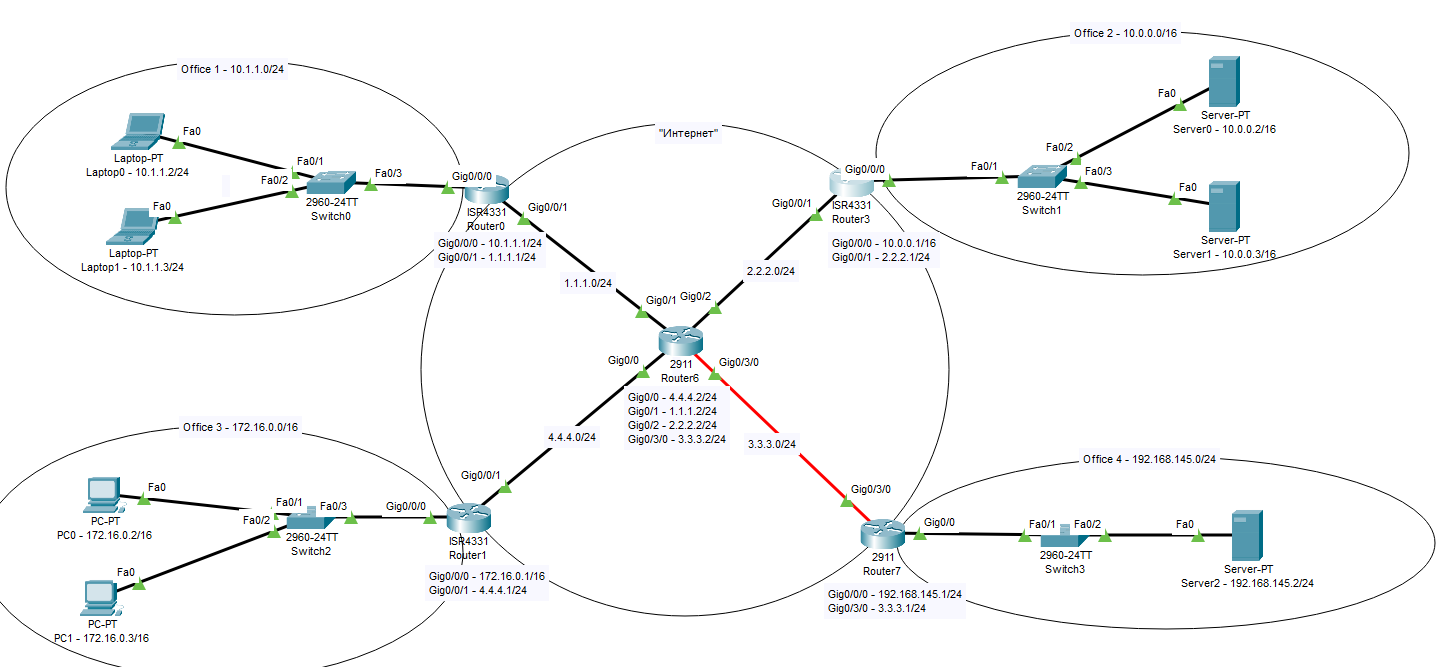
*и т.д. настраиваем все комп-ы и сервера*

*Настройка Router3:*

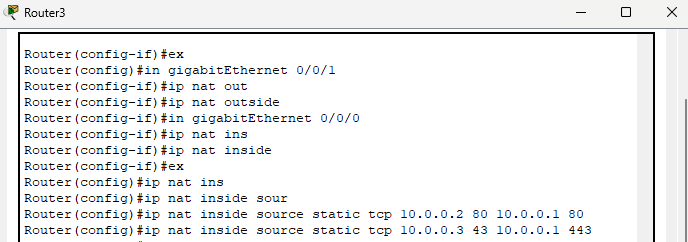
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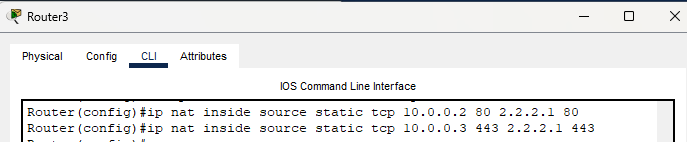
*и т.д. настраиваем все роутеры*

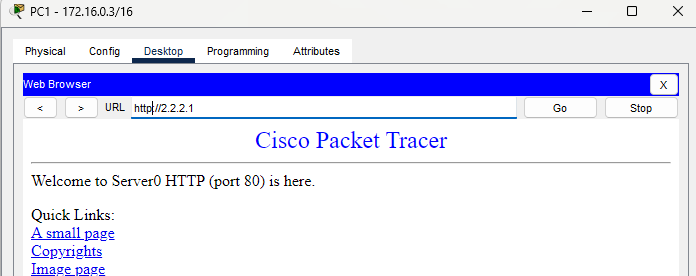
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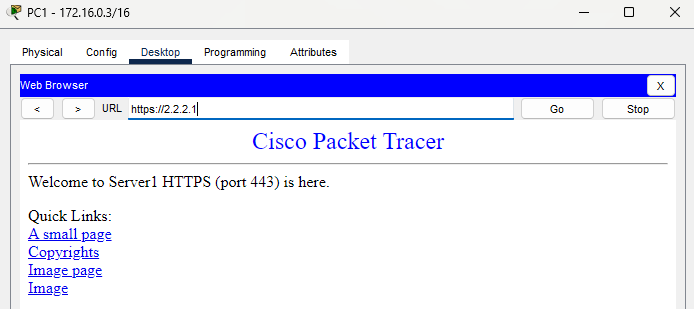
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*Задание 1.2: Настроить Port Forwarding:*

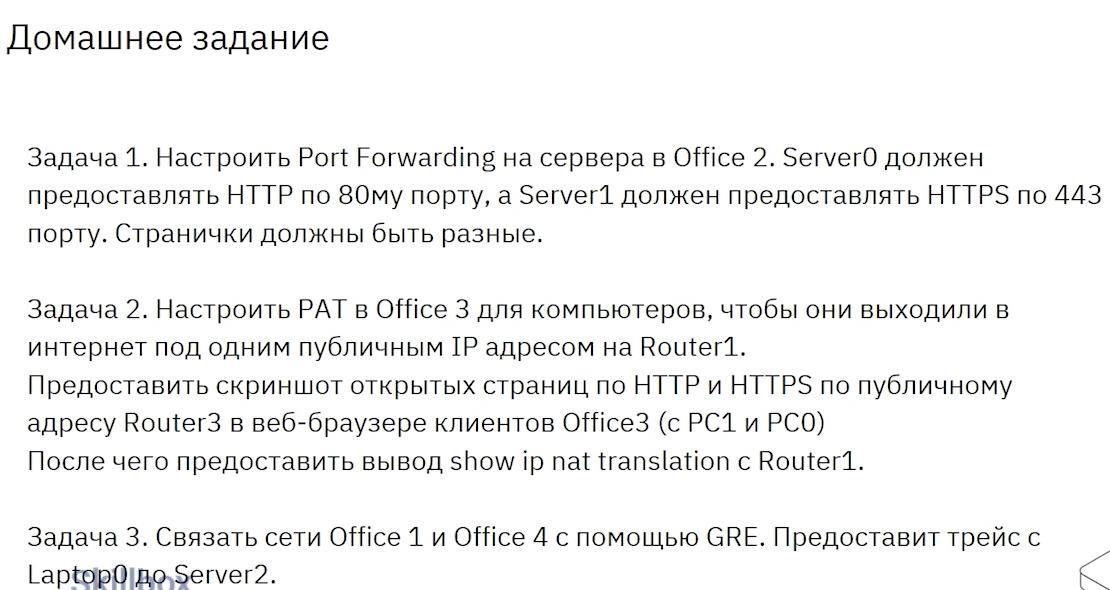
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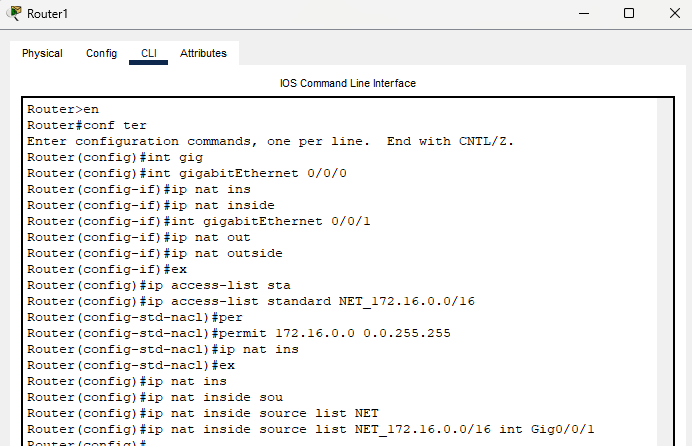
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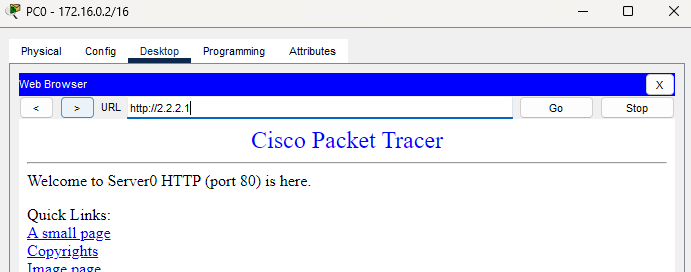
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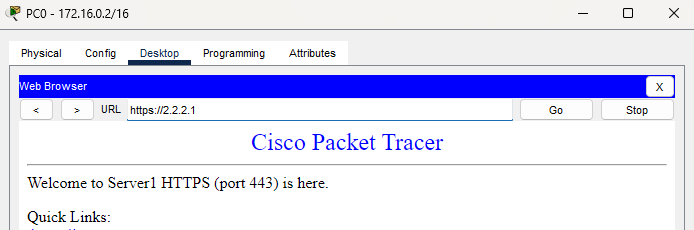
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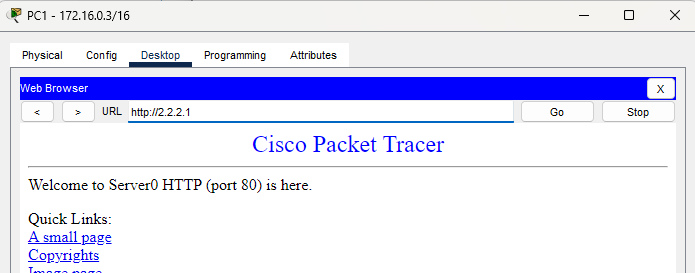
*Задание 2:*

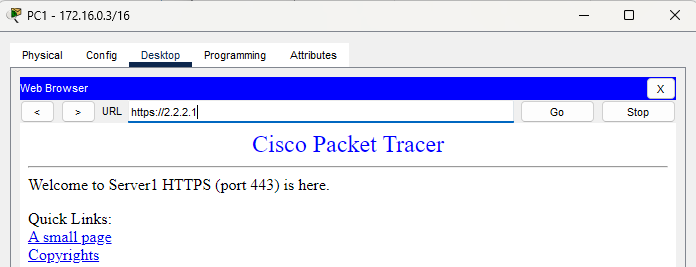
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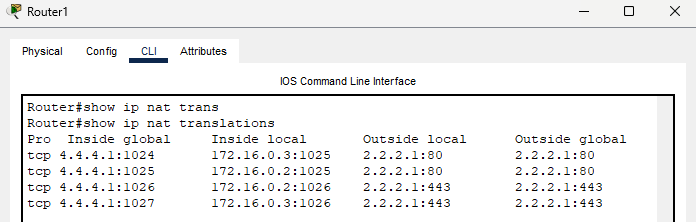
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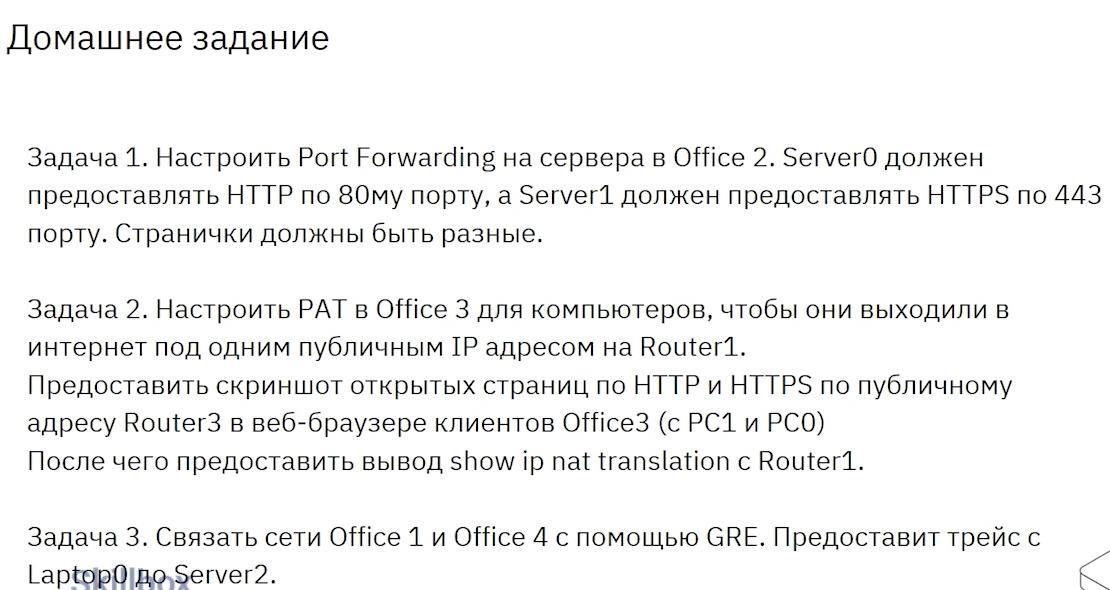
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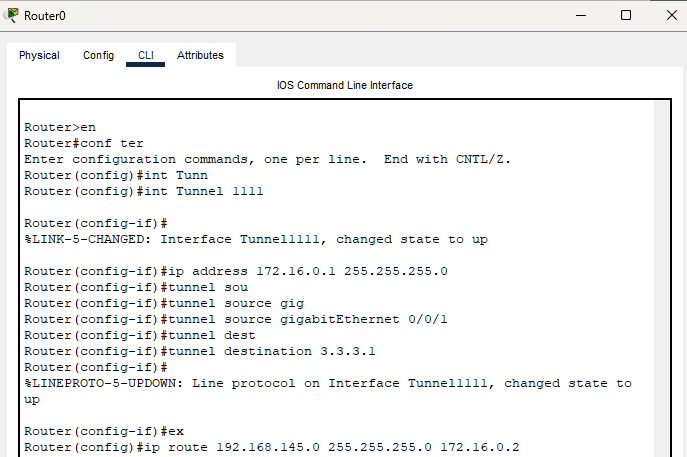
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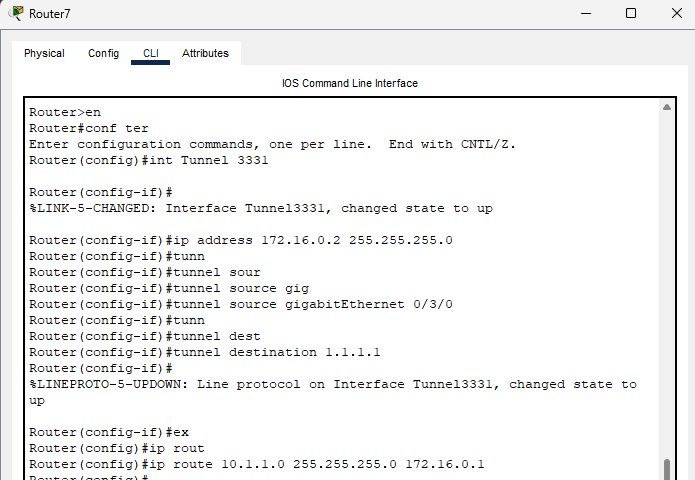
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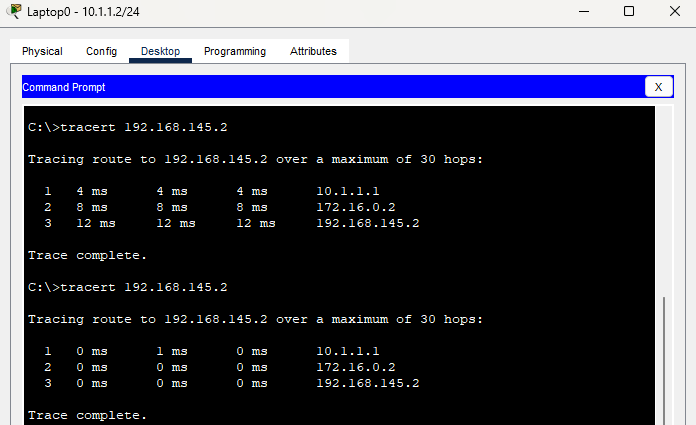
**

*Задание 3:*

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Ссылка на репозиторий:

<https://github.com/olgashenkel/GeekBrains-specialization-ELECTIVES/tree/main/08.%20Computer%20networks>