

Dr Takfarinas SABER
takfarinas.saber@dcu.ie

CA169
Networks & Internet

Packet Tracer << Static Routing >>



Types of Connections

Copper Cross-Over

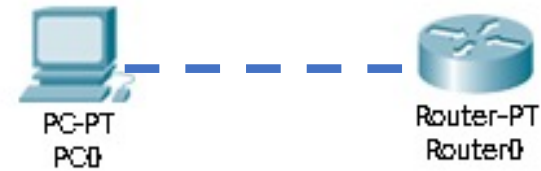


Copper Straight-Through



Which connection to use?

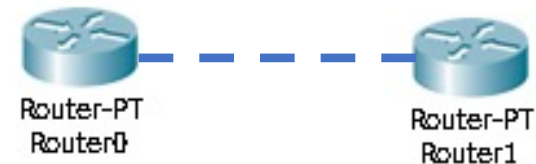
- Between PC and Router



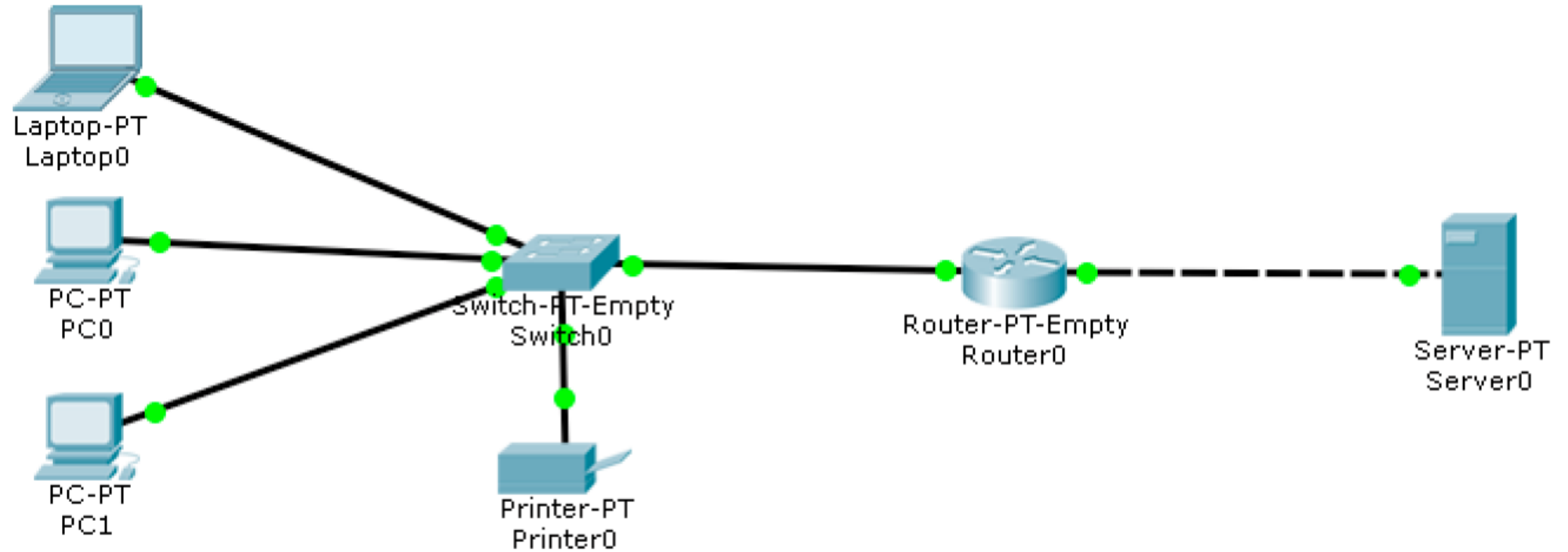
- Between Switch and Router



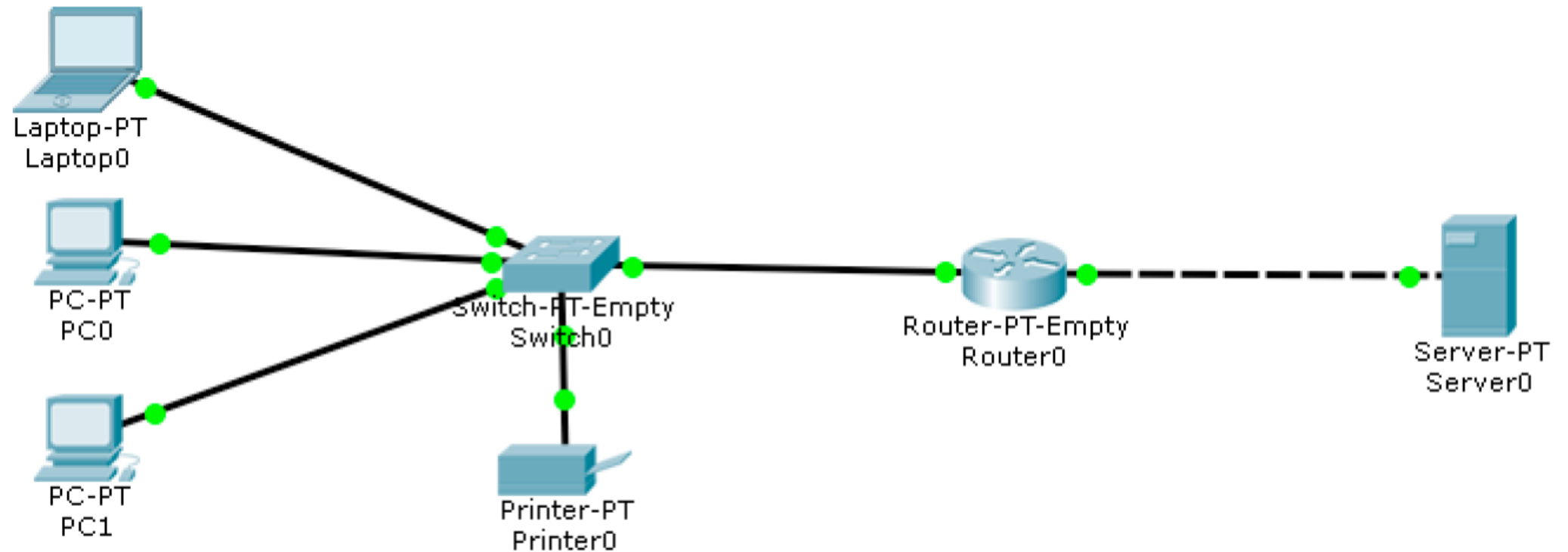
- Between Router and Router



Small Network



Small Network

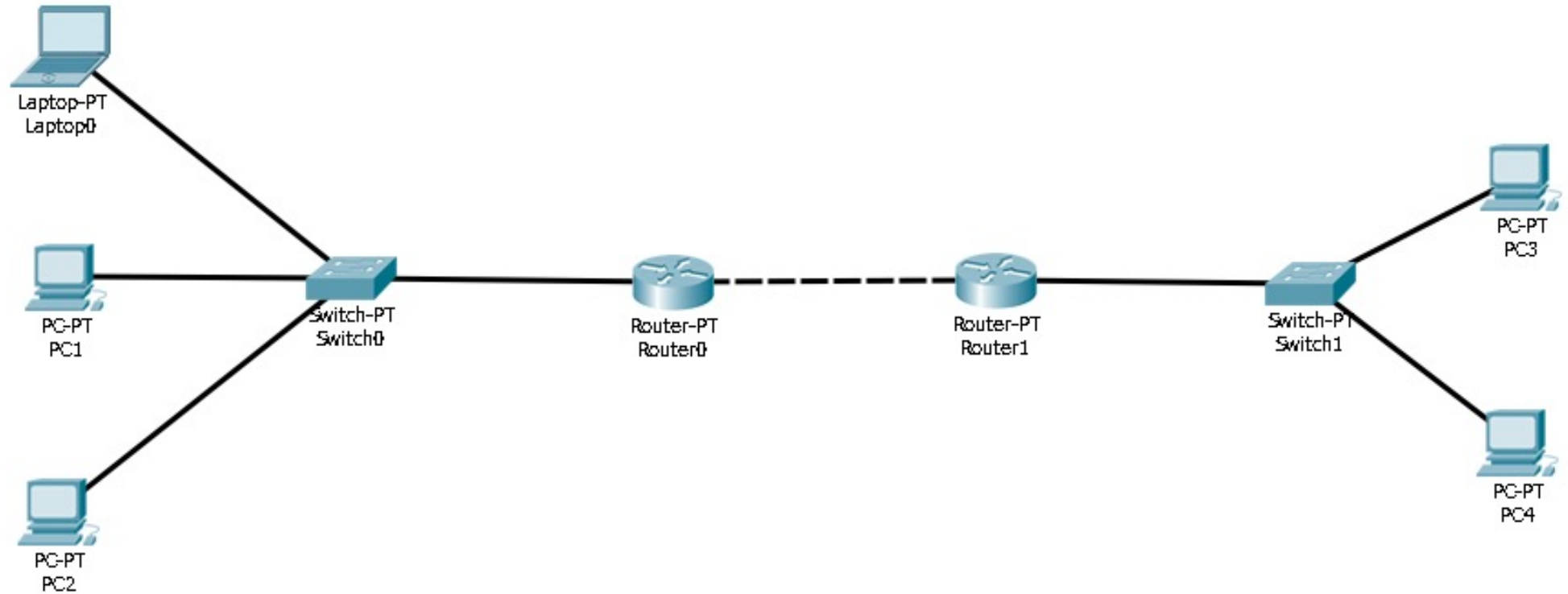


To allow Laptop0 to send packets to Server0, we need to:

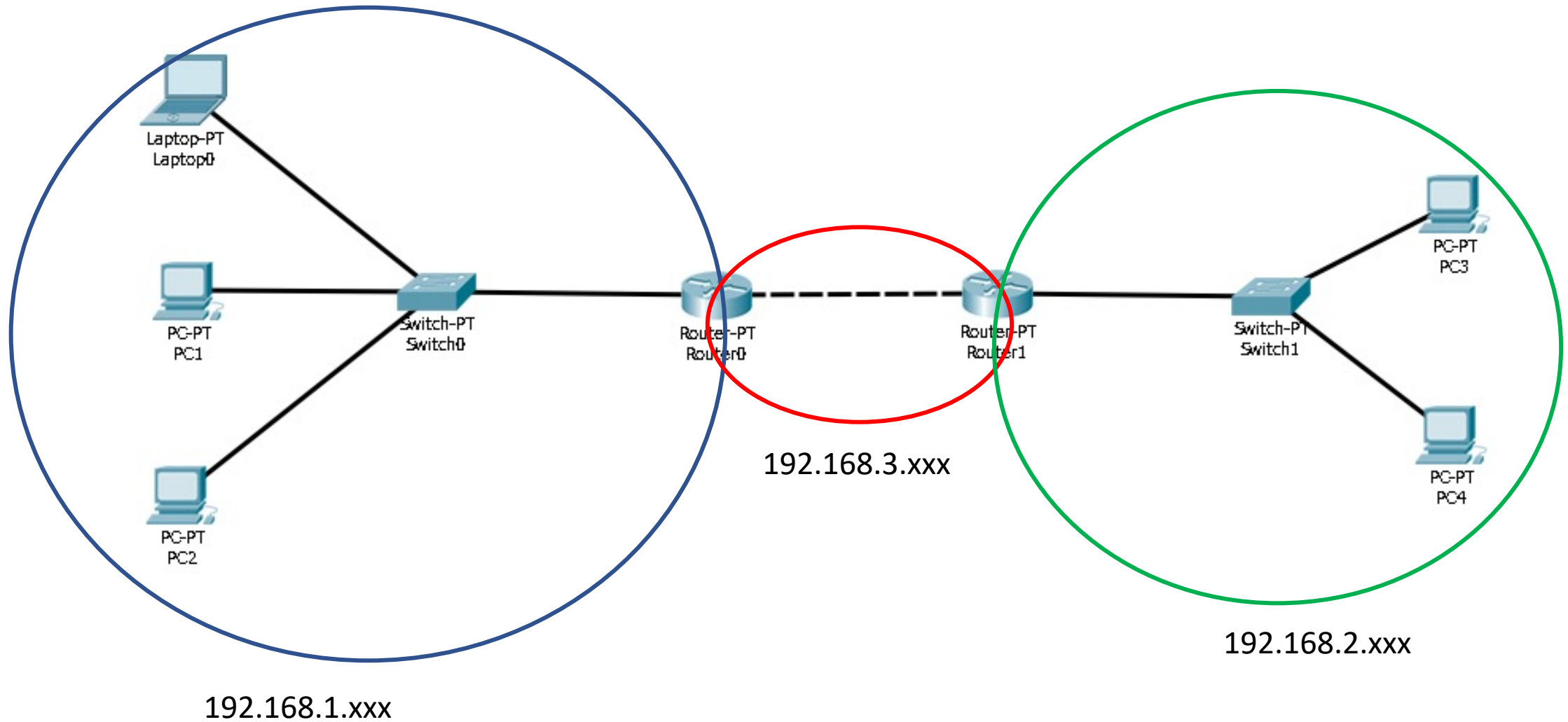
- set the **Gateway** for Laptop0

We need to do the same for Server0

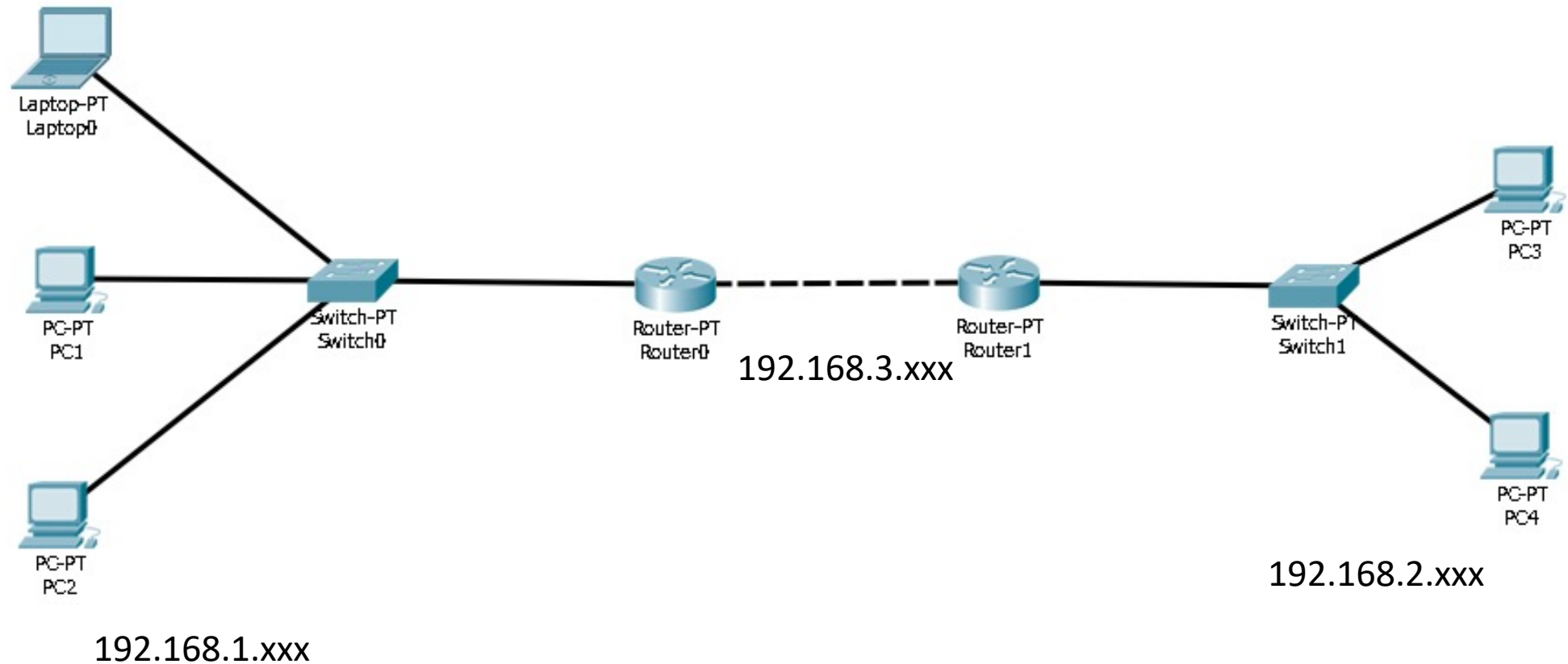
Larger Network



Larger Network



Larger Network



To allow Laptop0 to send packets to PC3, we need to:

- set the **Gateway** for Laptop0
- add a **Route** in Router0 to inform it that the network 192.168.2.xxx is after Router1

We need to do the same for PC3 and Router1