S.ID: 11070 Name: Kamisha Salim C.ID: 109138

PAF-Karachi Institute of Economics & Technology
THE CENTER OF EXCELLENCE

PAF-Karachi Institute of Economics and Technology

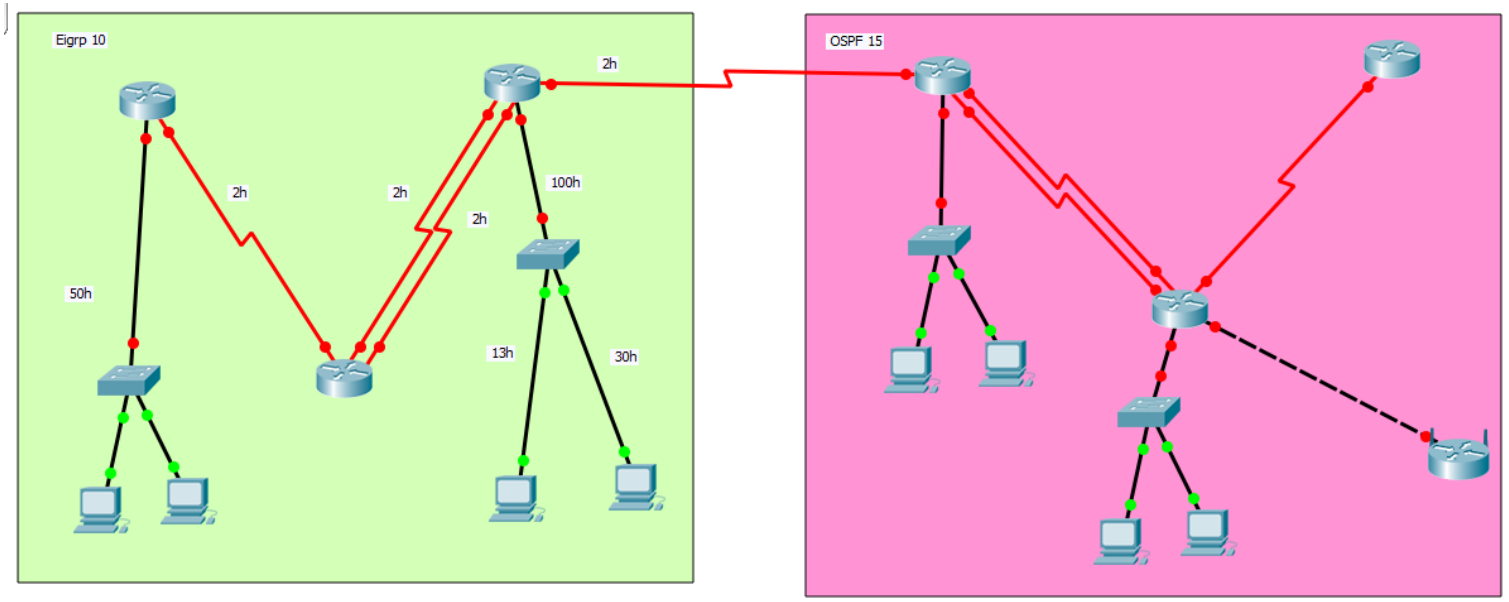
College of Computing and Information Sciences - North Campus

Internet & Intranet Architecture

Assignment – 1

Instructions (READ AND FOLLOW INSTRUCTIONS CAREFULLY):

- **In case of CHEATING, COPIED material or any unfair means would result in ZERO marks.**
- Mention your name and ID above and write solution in this file and then submit in word or PDF format.
- Late submission will result in mark deduction



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Instructions (for

Topology Configuration)

- Change all router hostname with your name
- Use major network which is assigned to you only
- Configure Eigrp on left side.
- Configure the Eigrp part using VLSM.
- Configure DHCP on Wireless Router
- While configuring Eigrp configure summarize route.
- Configure floating routes where necessary.
- All routers should communicate with each other.
- All end devices should communicate within their respective areas
- Submit screenshot of topology with network labels
- Submit screenshots of routing table of all routers
- Submit screenshot of DHCP

If anyone failed to follow any instruction I will deduct 1 marks for each instruction.

[Solution]

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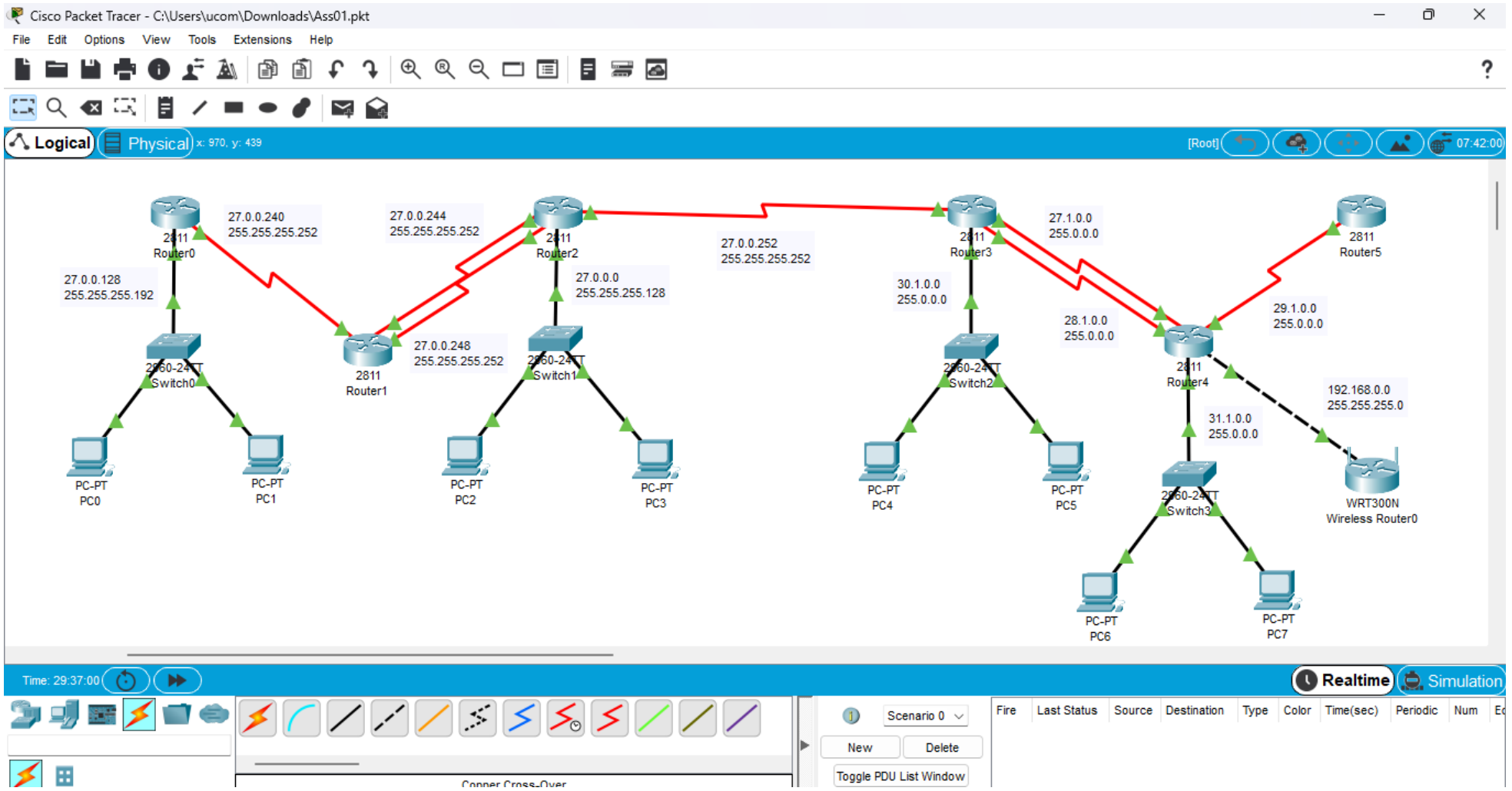

Screenshot of Topology with network labels

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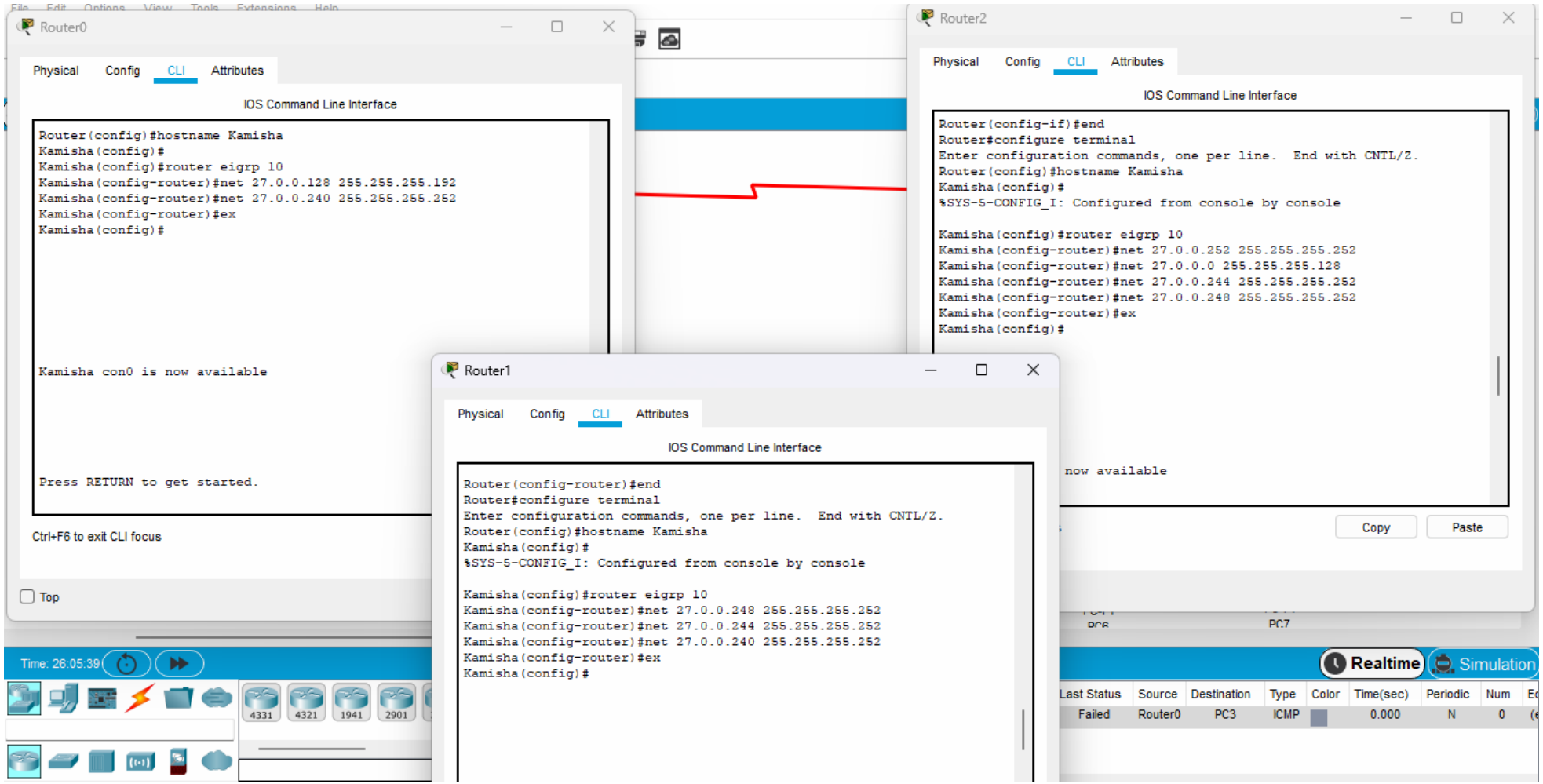

Screenshot of EIGRP

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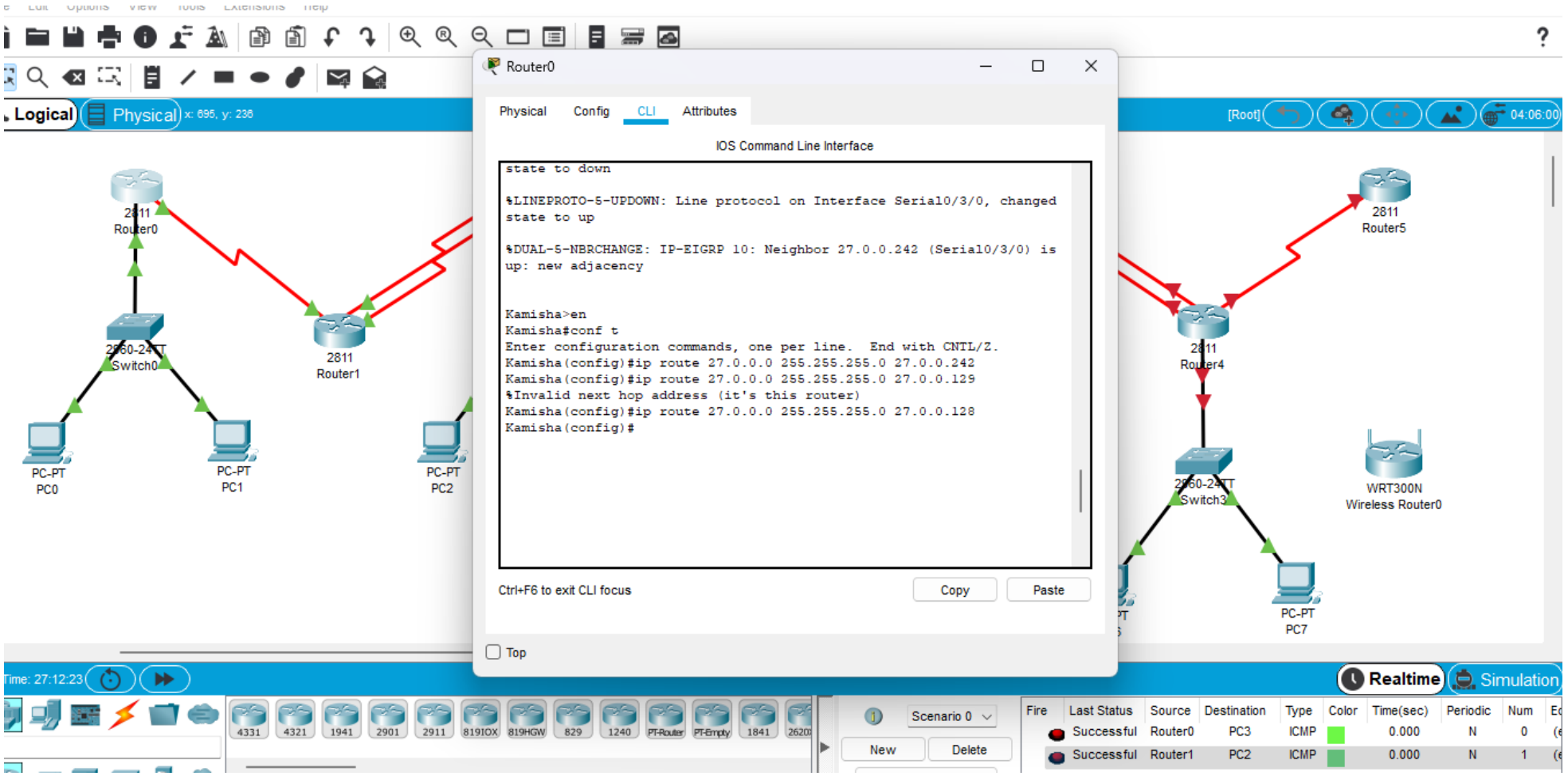

Screenshot of Route Summarization

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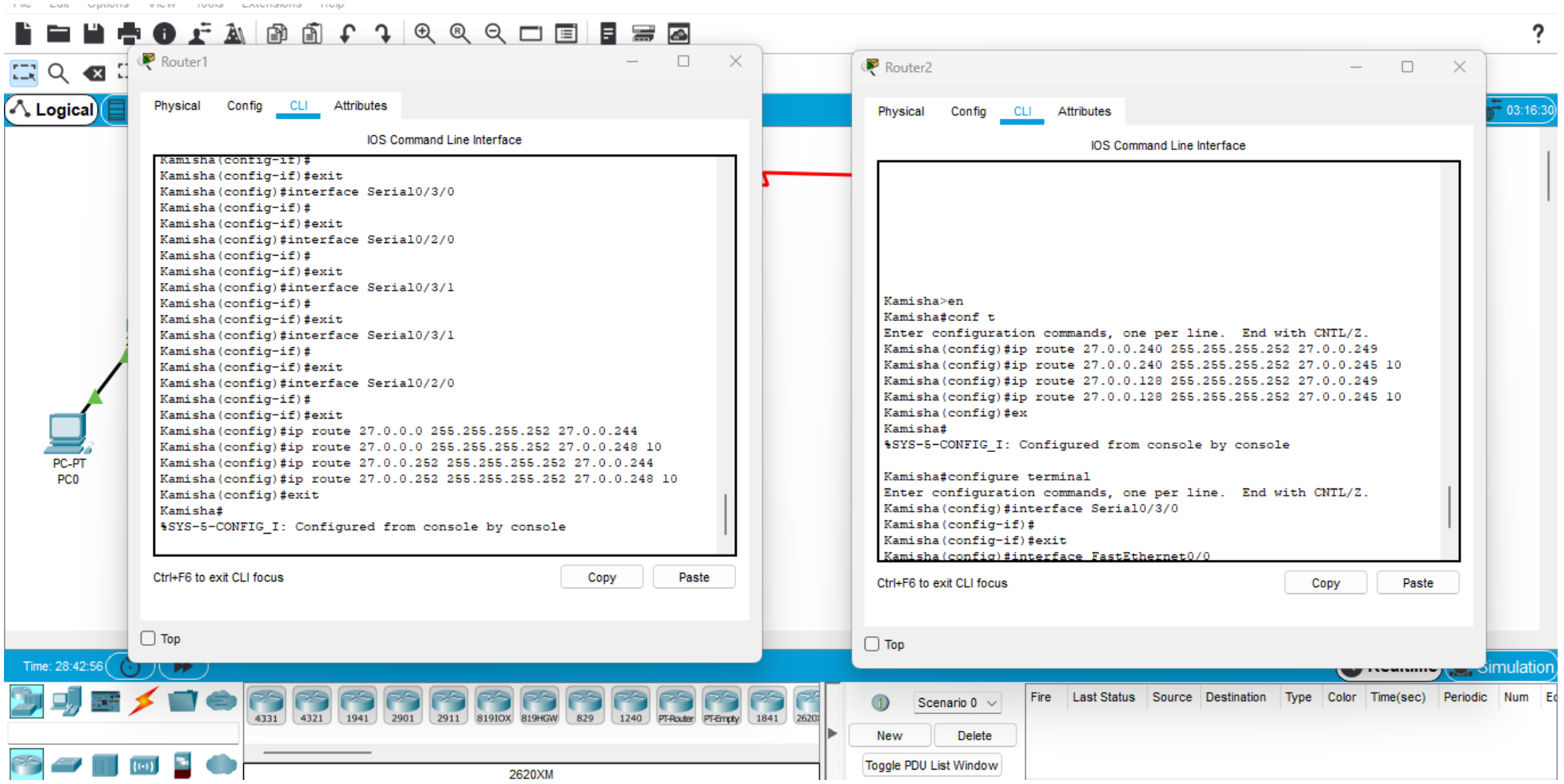

Screenshot of Floating Routing

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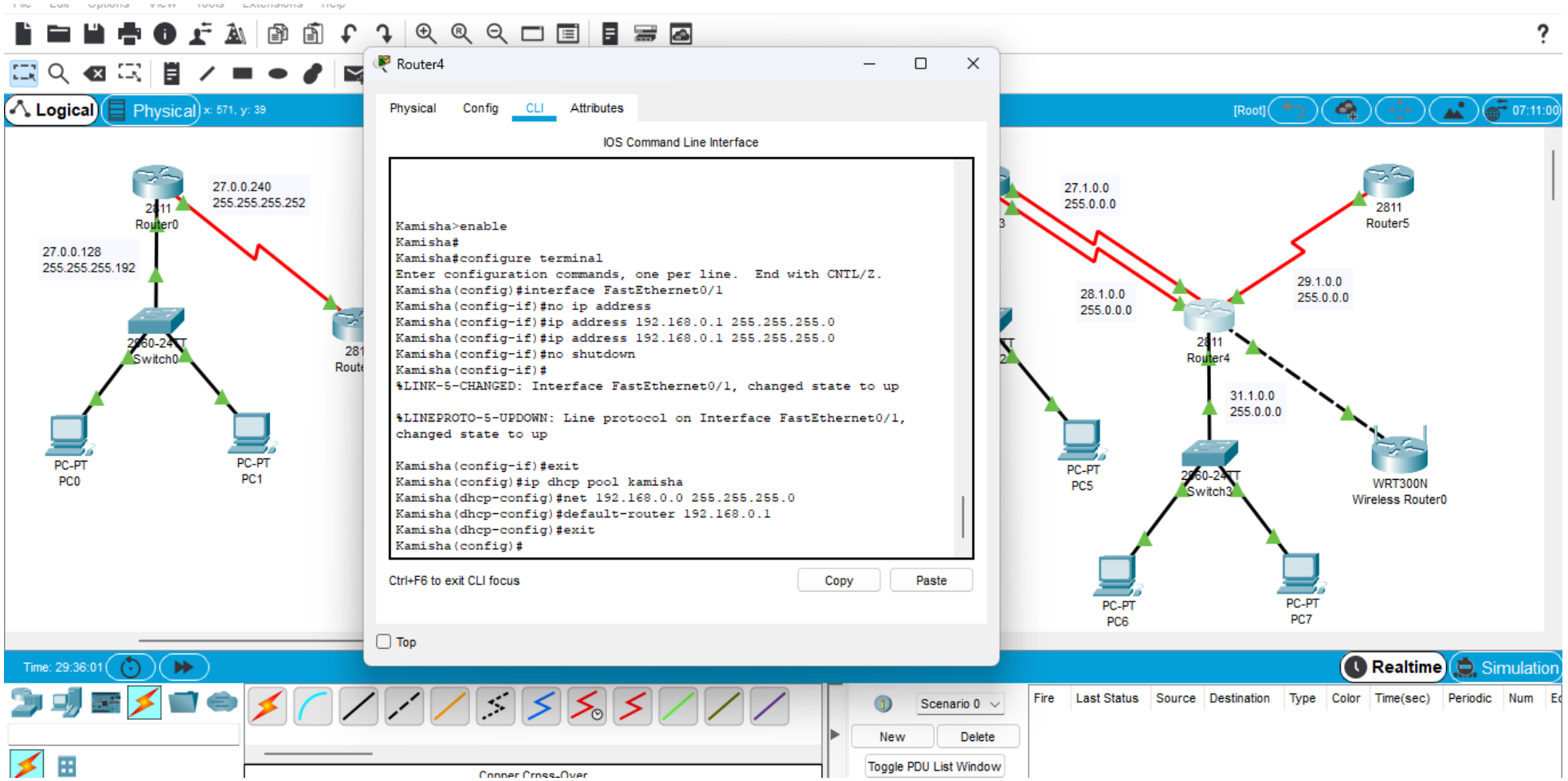

Screenshot of DHCP

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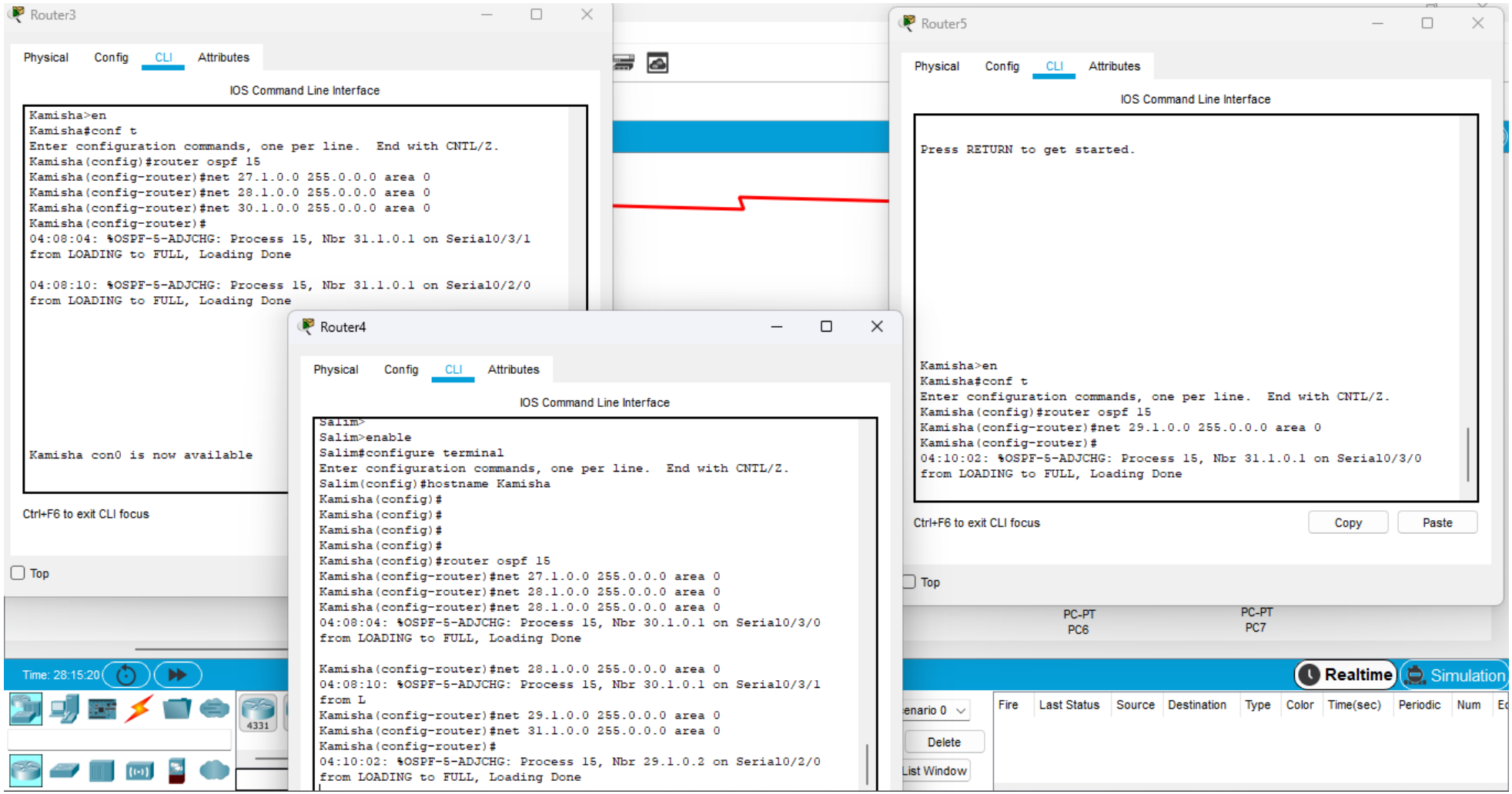

Screenshot of OSPF

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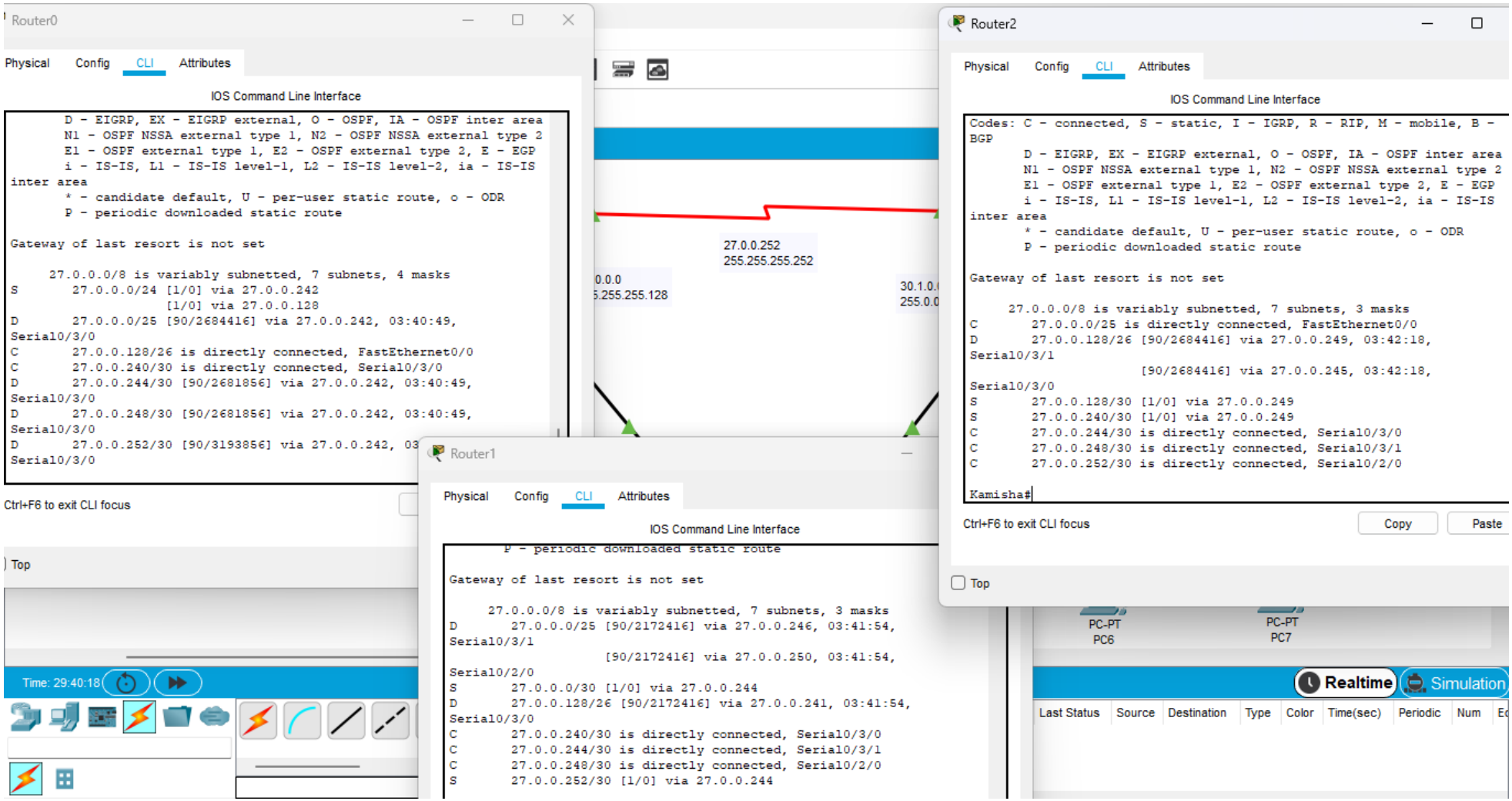

Screenshot of Routing Table

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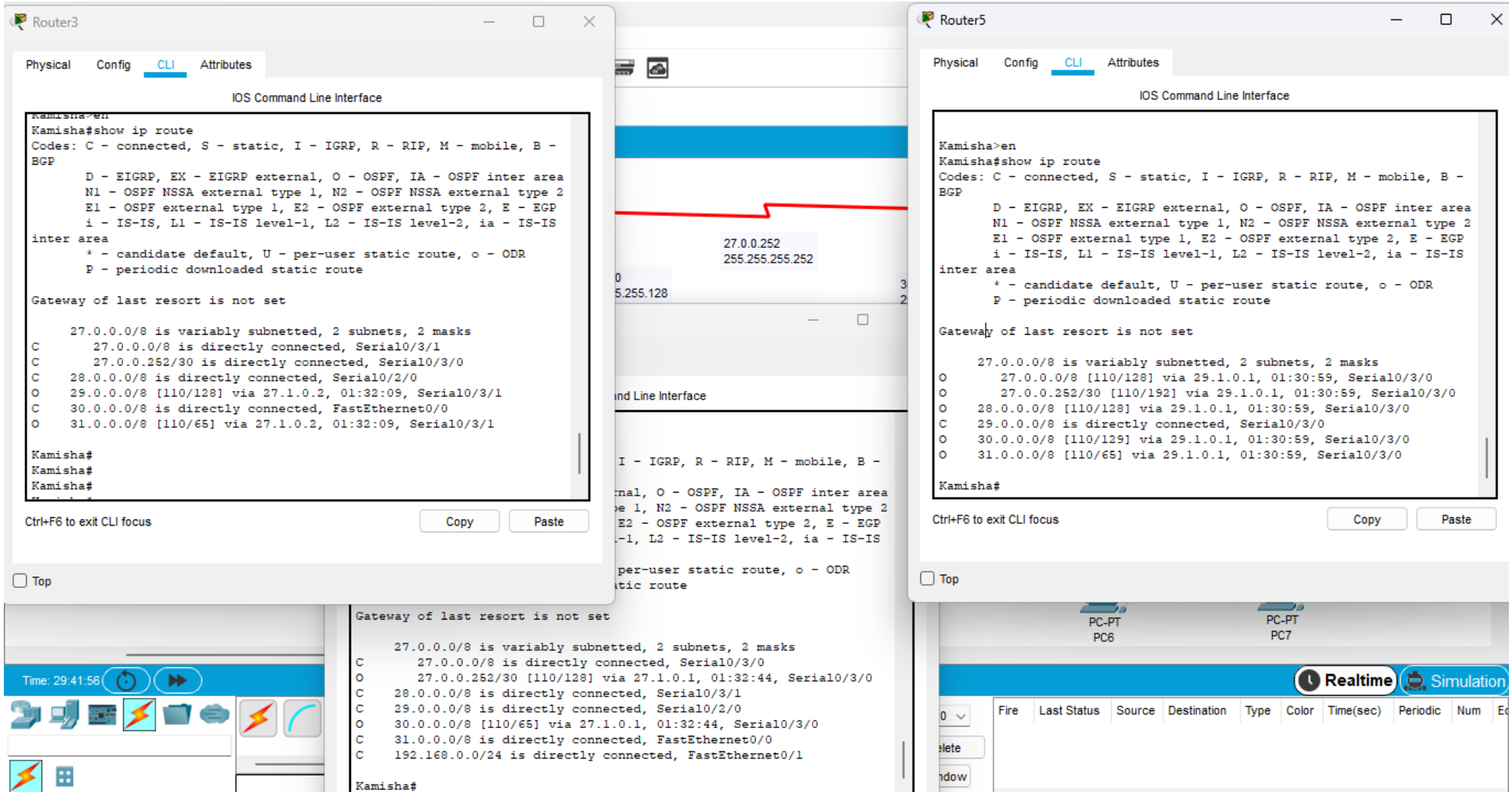

Screenshot of Routing Table