

Student:

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Time on Task:

21 hours, 42 minutes

Progress:

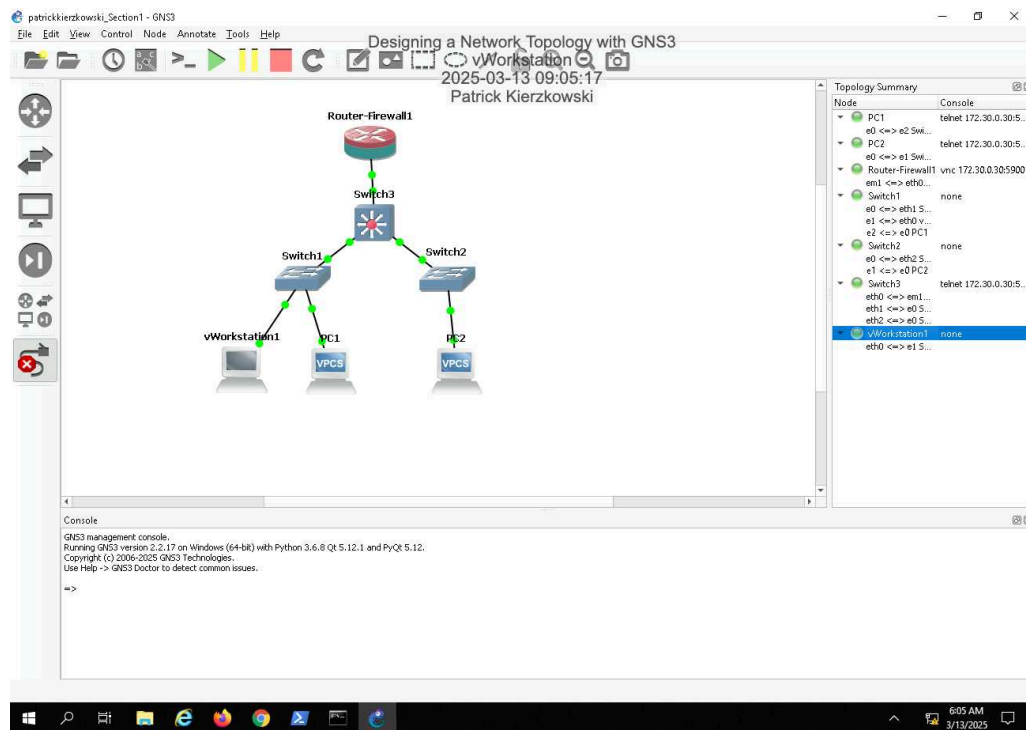
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Report Generated: Monday, July 7, 2025 at 9:46 PM

## Section 1: Hands-On Demonstration

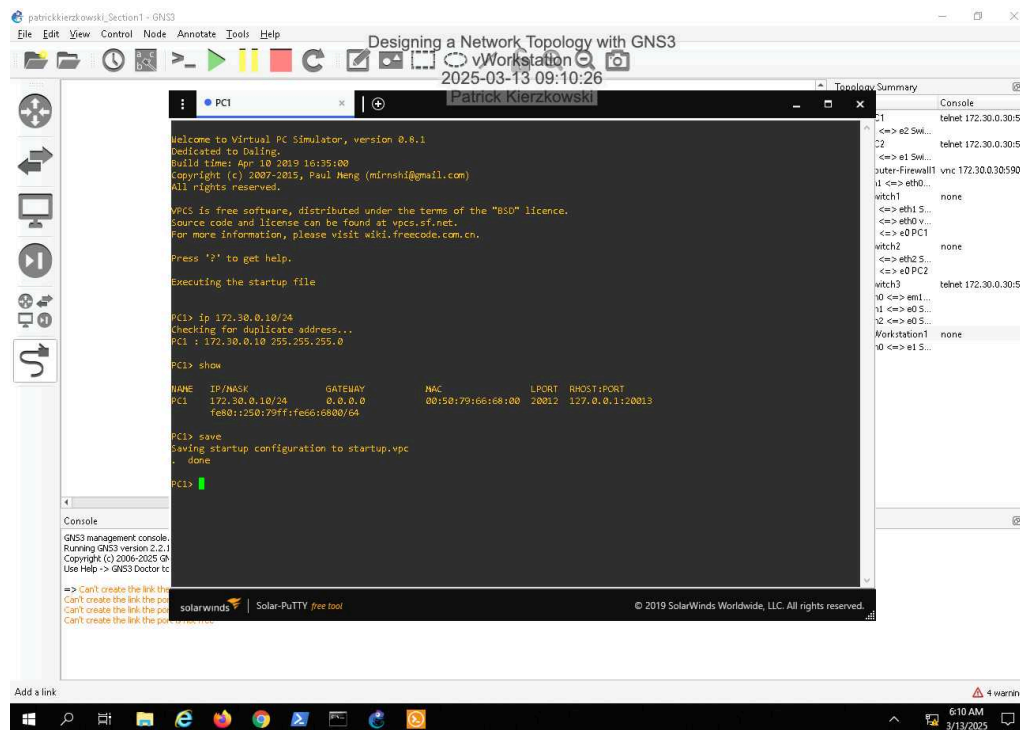
### Part 1: Configure Physical Connectivity on a Layer 2 Network

25. **Make a screen capture** showing the **completed topology** and the **active nodes and interfaces displayed in the Topology Summary**.

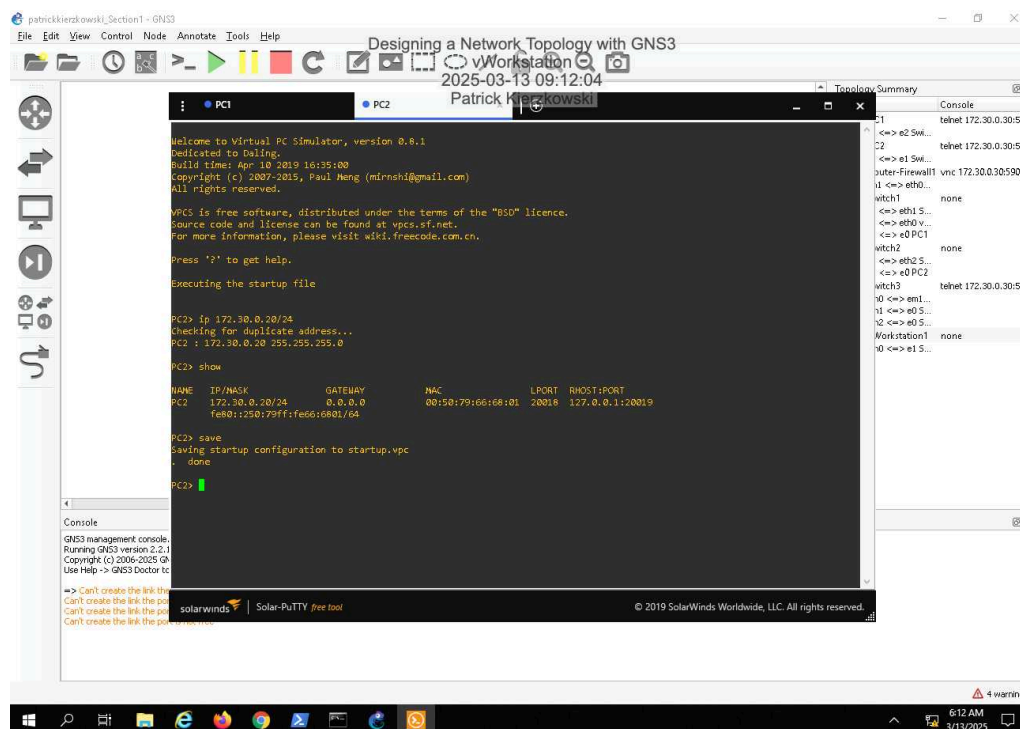


### Part 2: Configure Logical Connectivity on a Layer 2 Network

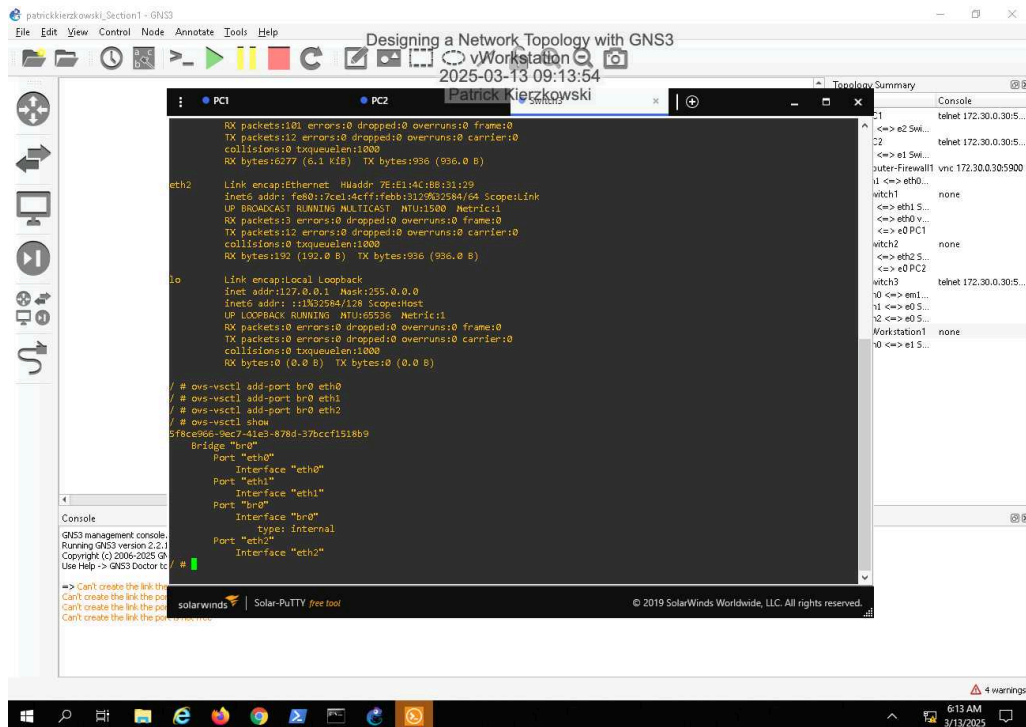
### 8. Make a screen capture showing the interface configuration on PC1.



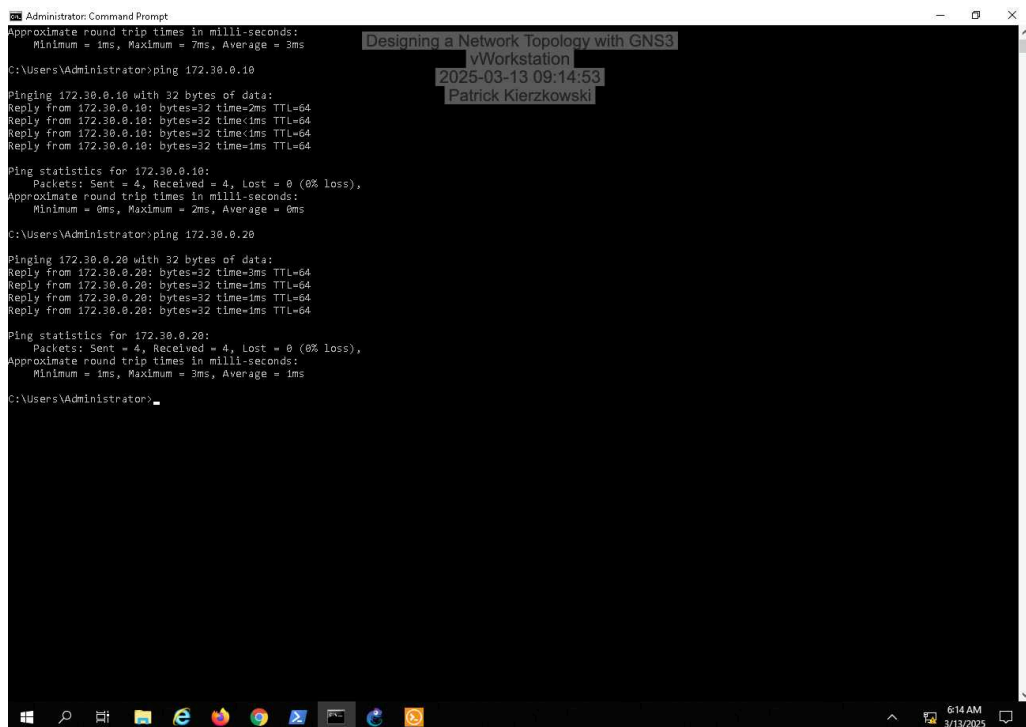
### 10. Make a screen capture showing the interface configuration on PC2.



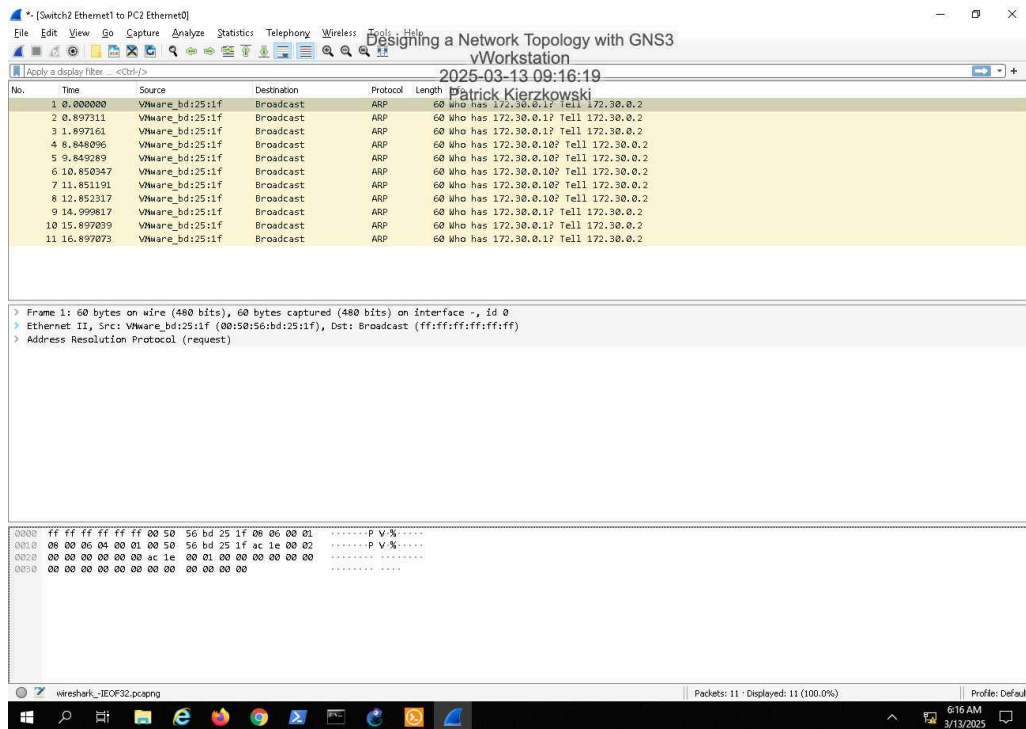
### 18. Make a screen capture showing the bridge configuration on Switch3.



### 22. Make a screen capture showing the successful replies from PC1 and PC2 in the Command Prompt window.



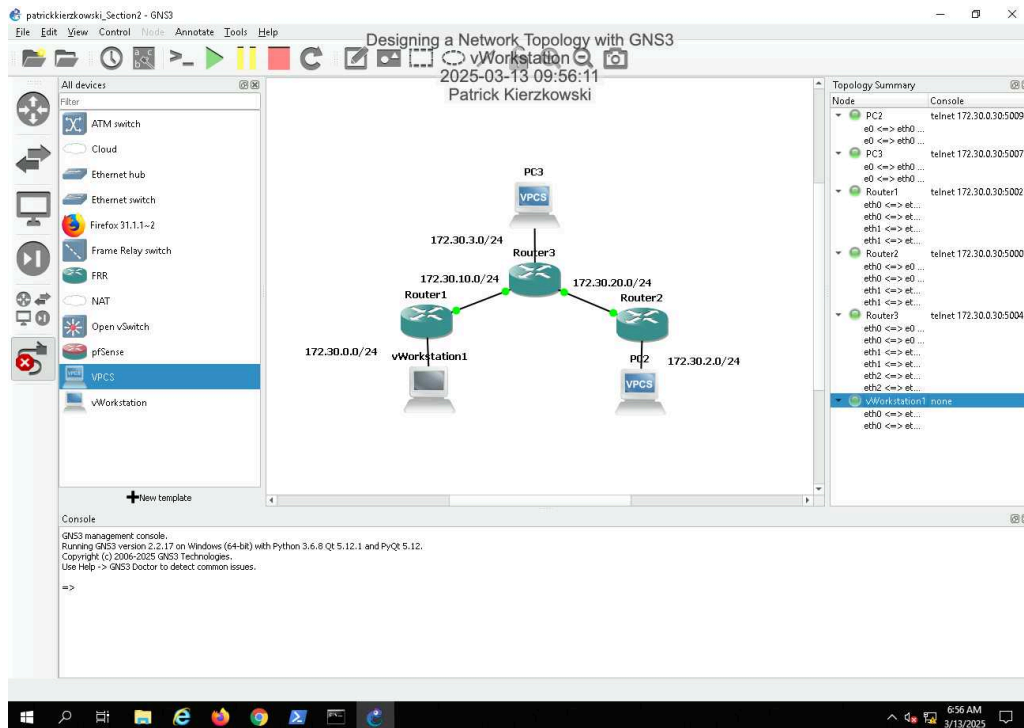
31. Make a screen capture showing the **ARP broadcast packets captured on the Switch2>PC2 link**.



### Section 2: Applied Learning

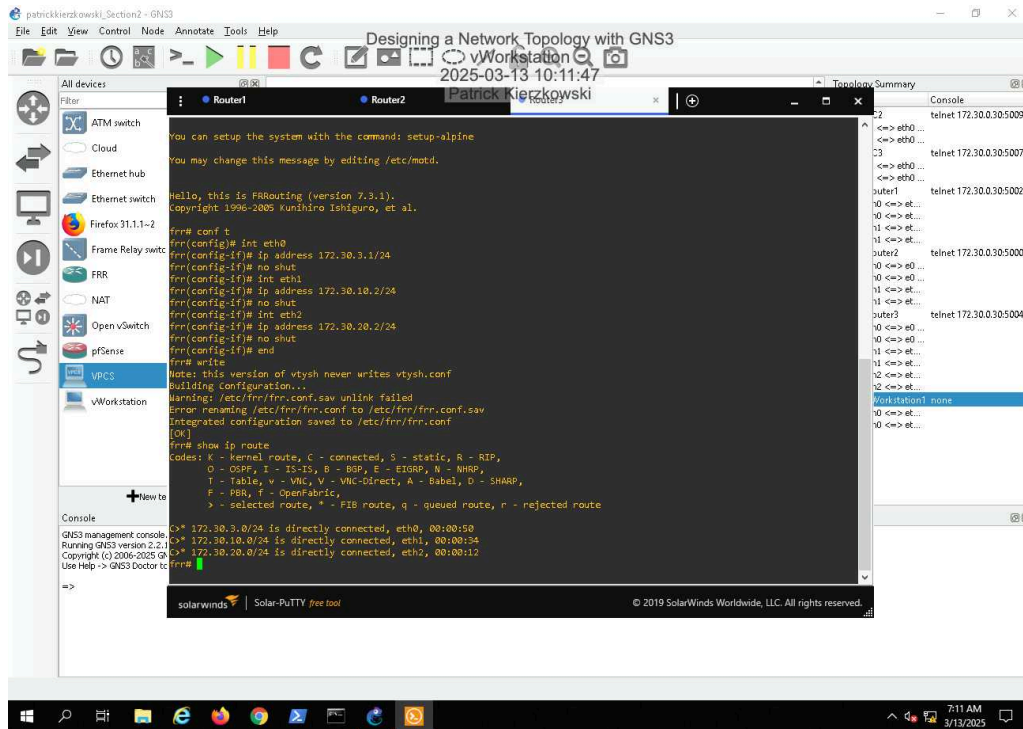
#### Part 1: Configure Physical Connectivity on a Layer 3 Network

16. Make a screen capture showing the completed topology in the workspace, as well as the nodes and their links in the Topology Summary.

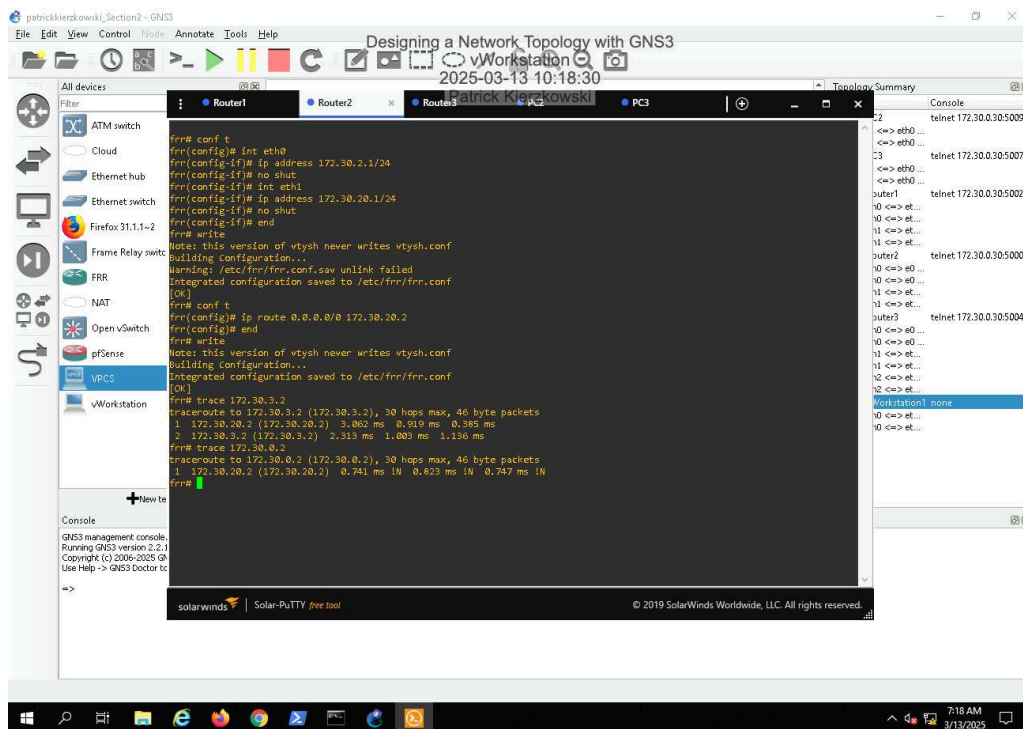


#### Part 2: Configure Logical Connectivity on a Layer 3 Network

### 13. Make a screen capture showing the routes currently known by Router3.

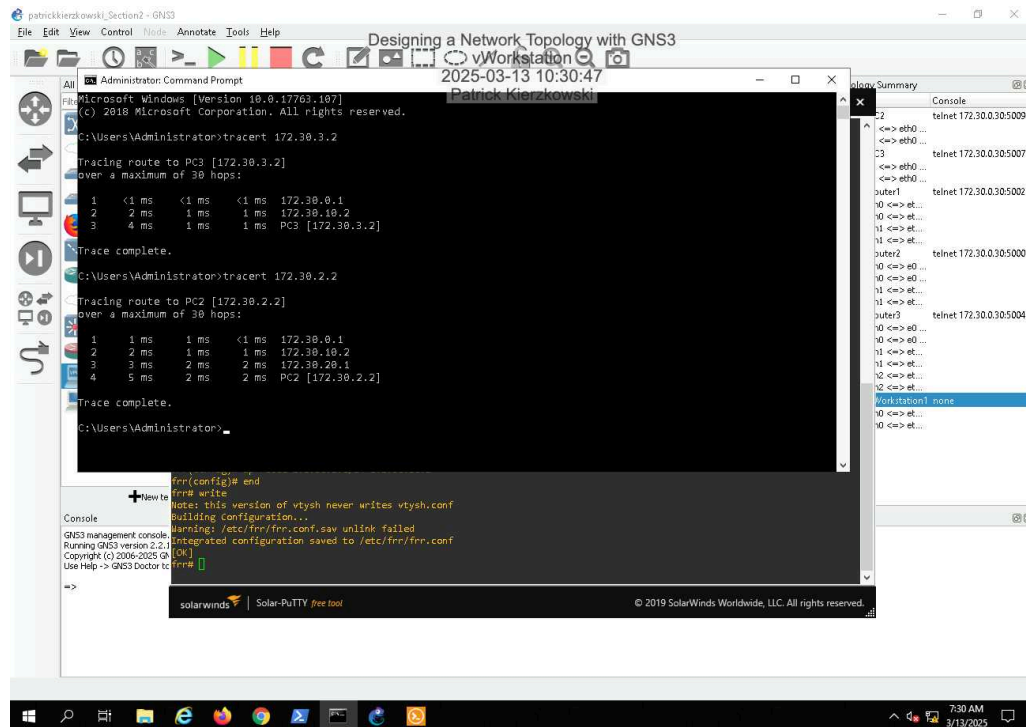


### 26. Make a screen capture showing the traceroute attempt to the vWorkstation node.





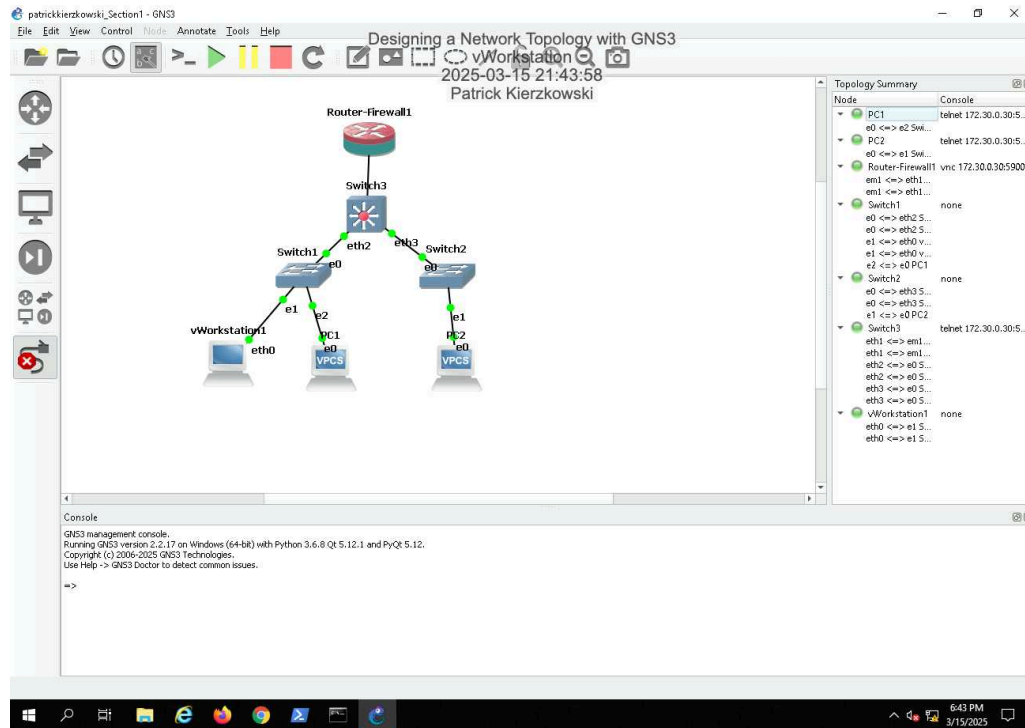
### 35. Make a screen capture showing the results from your tracer execution to PC2 and PC3.



### Section 3: Challenge and Analysis

#### Part 1: Manage Switch Ports

Make a screen capture showing Switch3's connections in the Topology Summary.



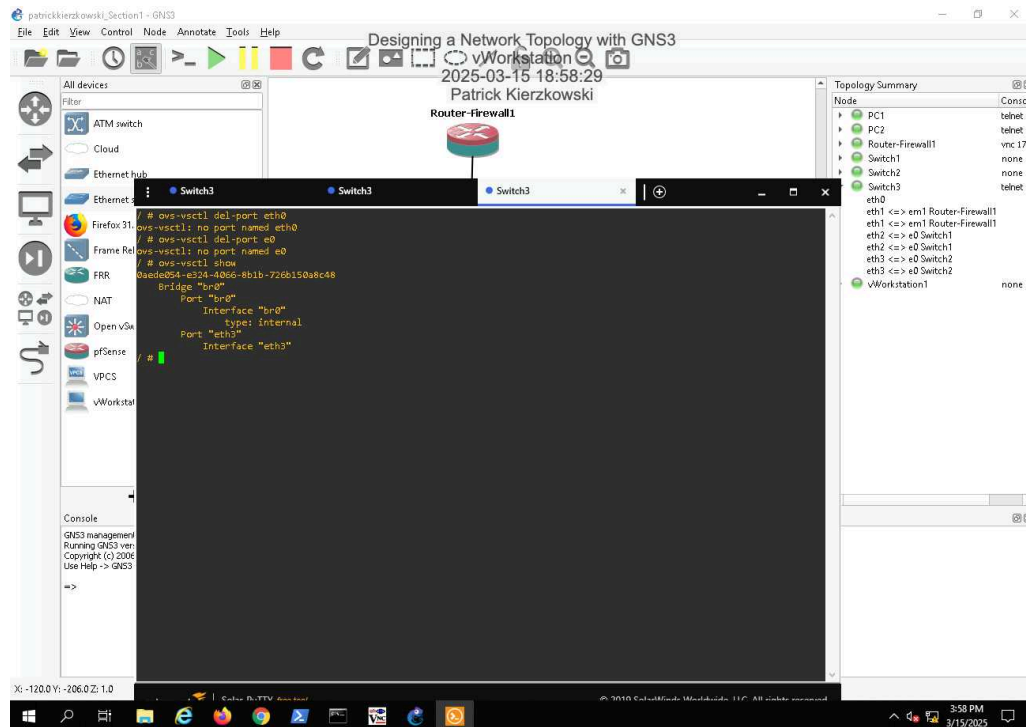
#### Part 2: Rearrange Ports on a Bridge



# Designing a Network Topology with GNS3

Fundamentals of Communications and Networking, Third Edition - Lab 06

**Make a screen capture showing the current Open vSwitch bridge configuration.**

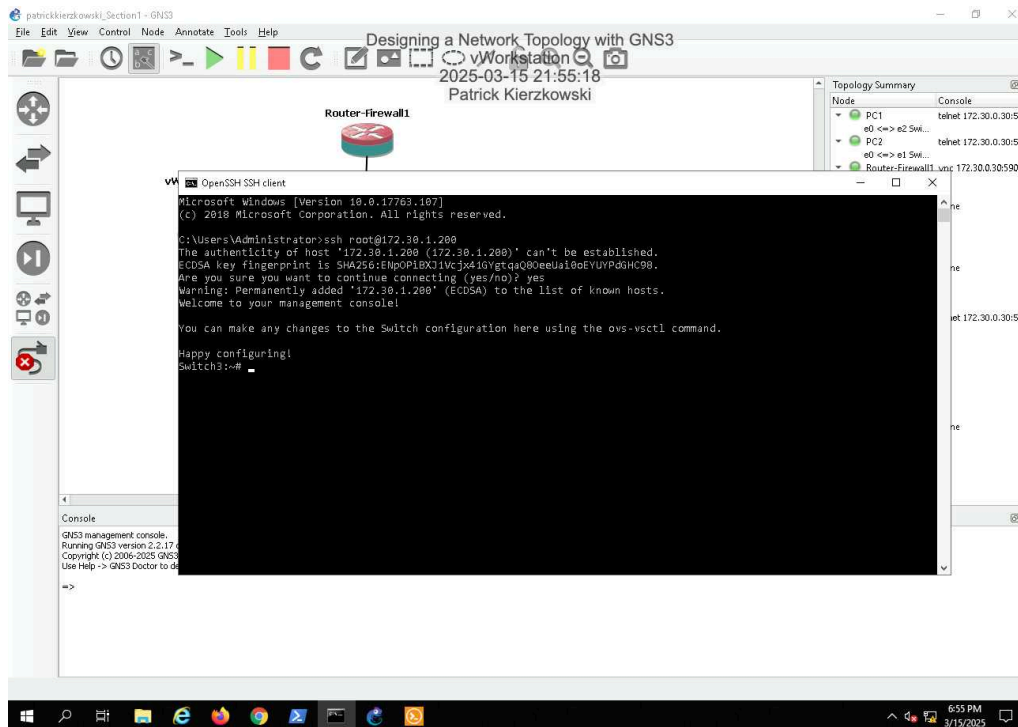


## Part 3: Assign an IP Address to a Managed Switch

# Designing a Network Topology with GNS3

## Fundamentals of Communications and Networking, Third Edition - Lab 06

Make a screen capture showing the **successful SSH login**.



Make a screen capture showing the **results of your ping**.

