

# SDN CONTROLLER + QOS MANAGEMENT

## RYU



BOUVARD Léo

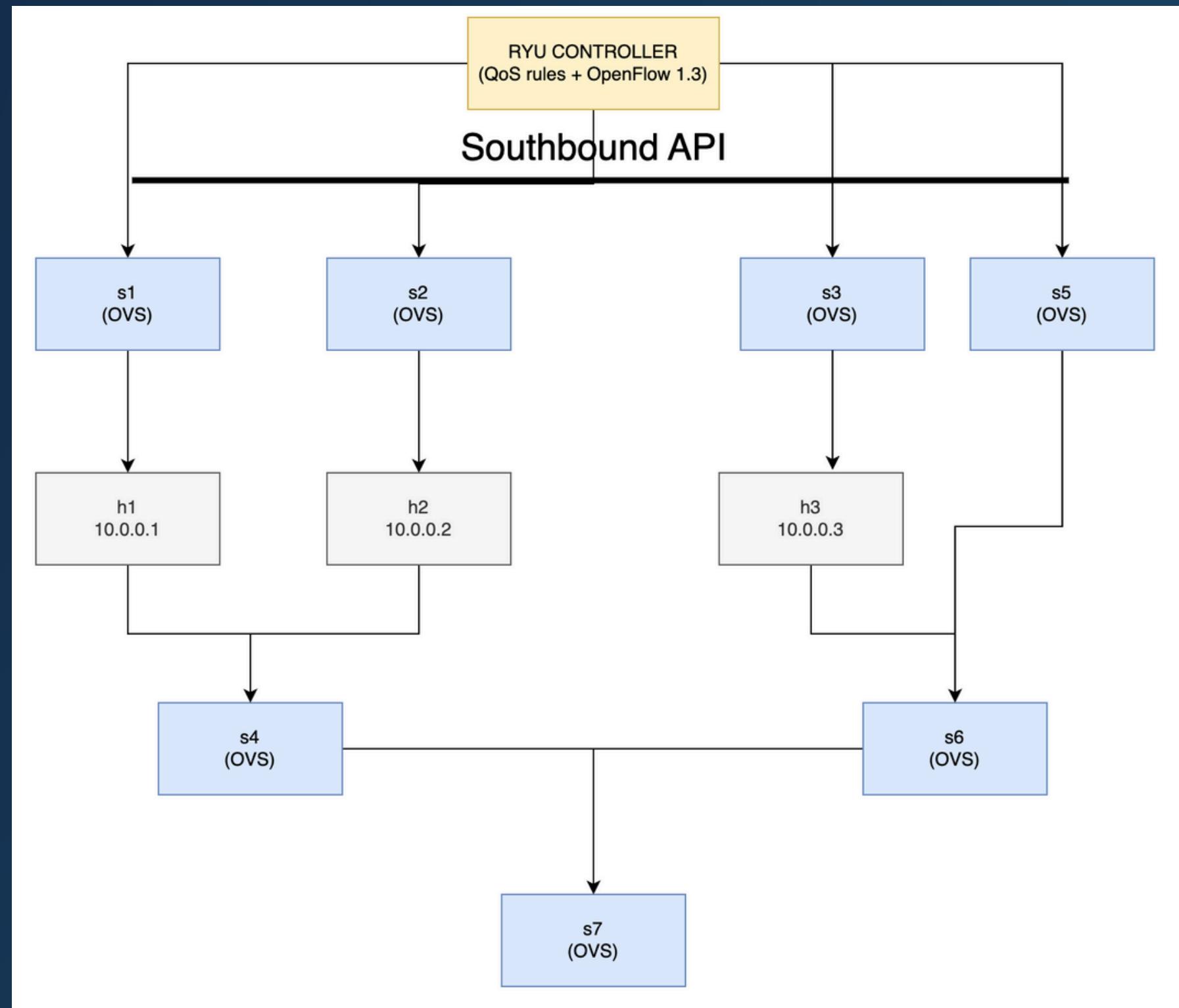
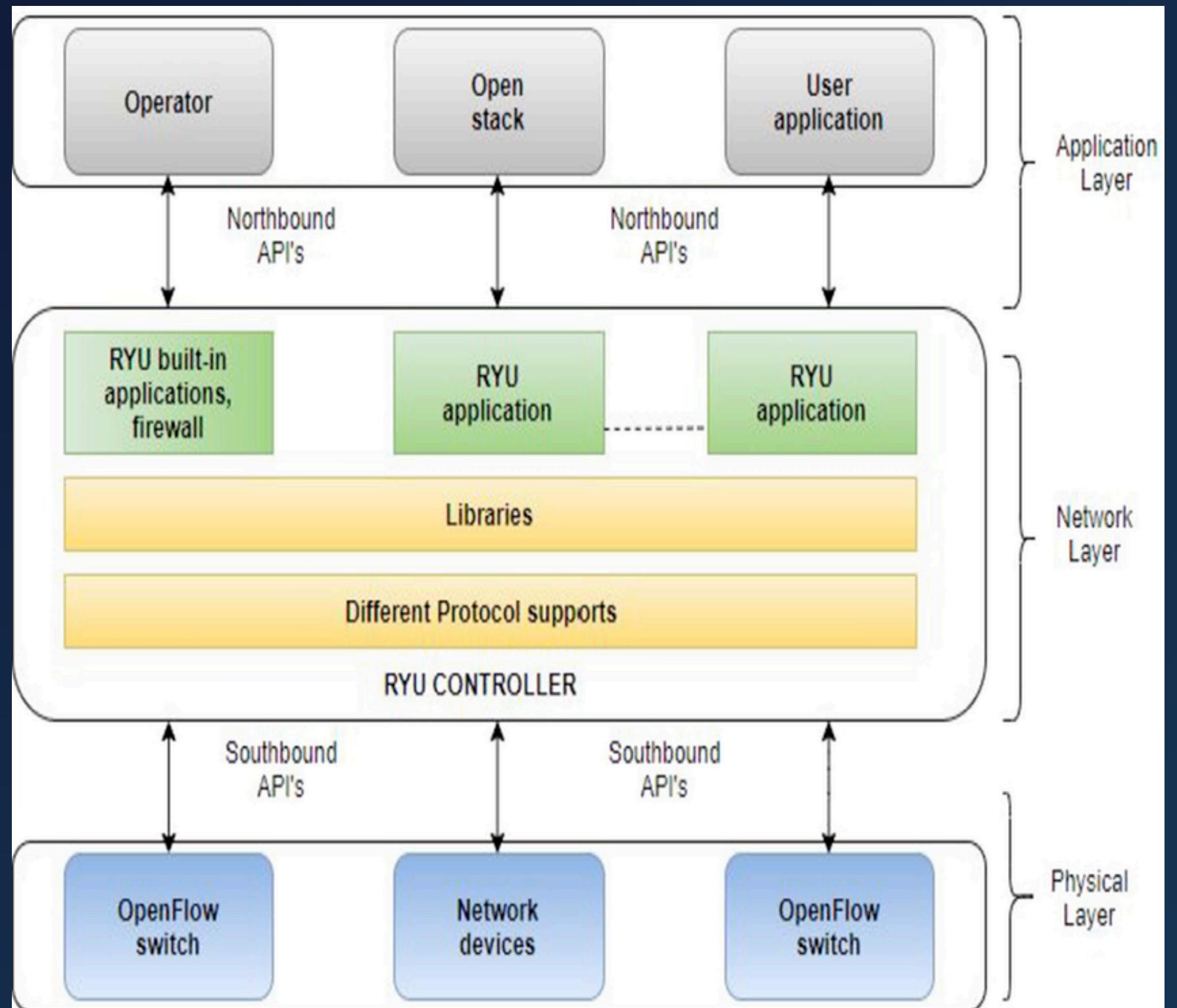
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# ENVIRONMENT



# DIFFICULTIES

Design a complex topology (7 switches + 3 hosts) that meets the requirements.

Set up and synchronize QoS policies (HTB queues + controller rules).

Generate traffic and clearly demonstrate the difference between priorities.

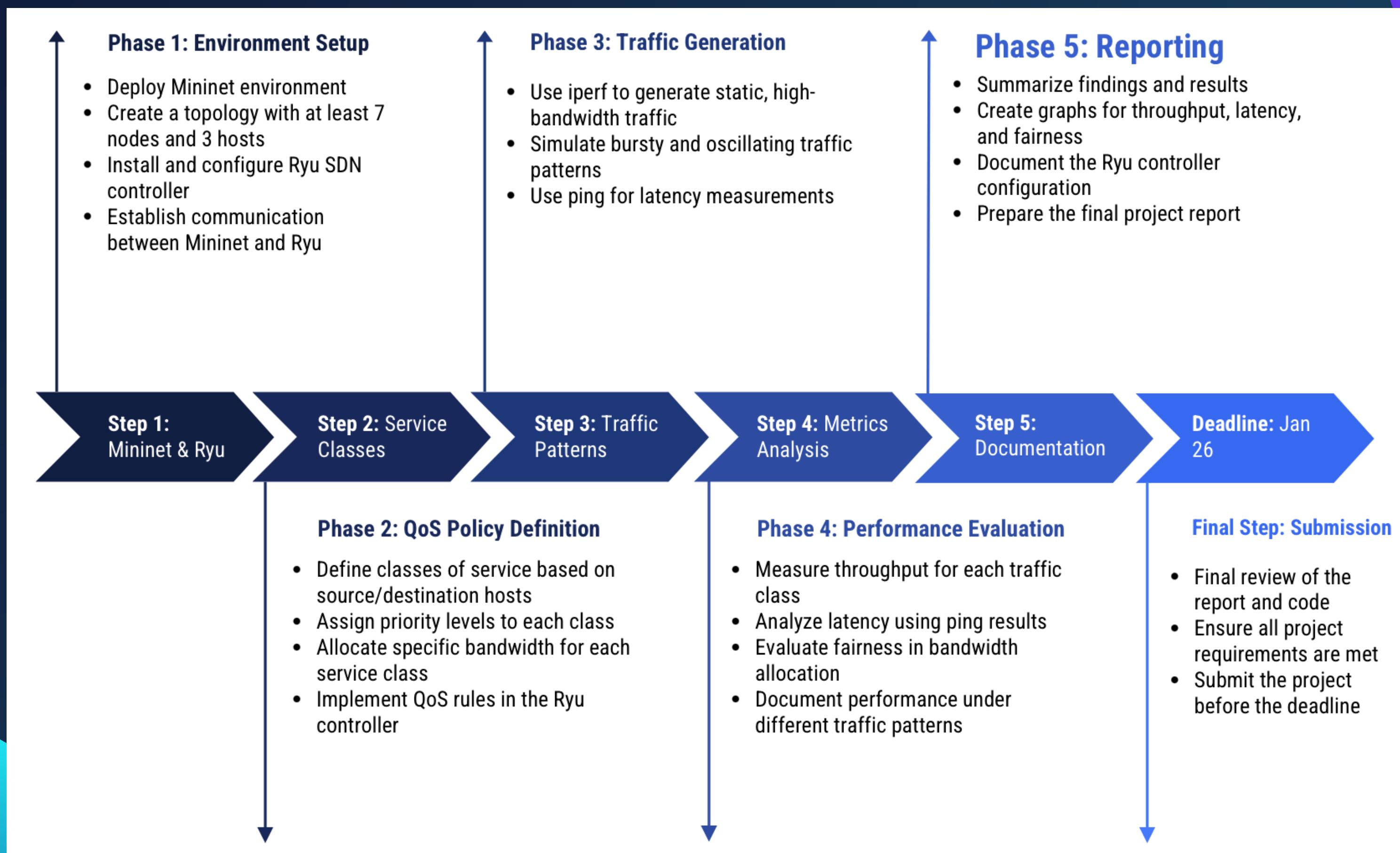
Correctly integrate Ryu, Mininet, and OVS without compatibility issues.

Perform reproducible measurements: latency, throughput, fairness.

Clearly document and justify the architecture and the results.

# PROJECT PLANNING

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**THANK YOU FOR  
YOUR ATTENTION**

