

SNS COLLEGE OF TECHNOLOGY

An Autonomous Institution

Coimbatore-35



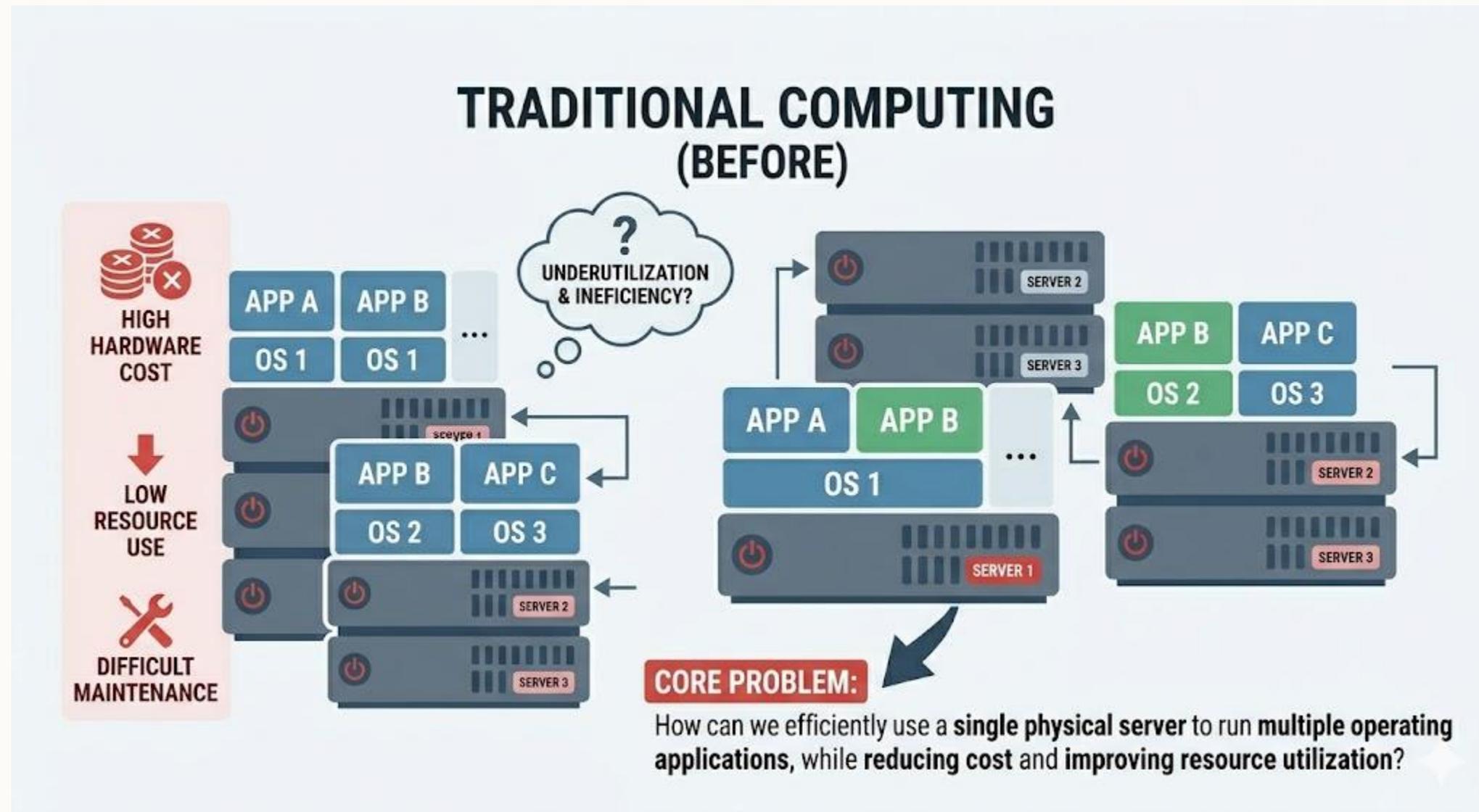
Department of Computer Science and Engineering

23CST206-OPERATING SYSTEMS AND VIRTUALIZATION

B.E- CSE /IV SEMESTER

UNIT – V HYPERVISOR

Topic 4:Server Virtualization

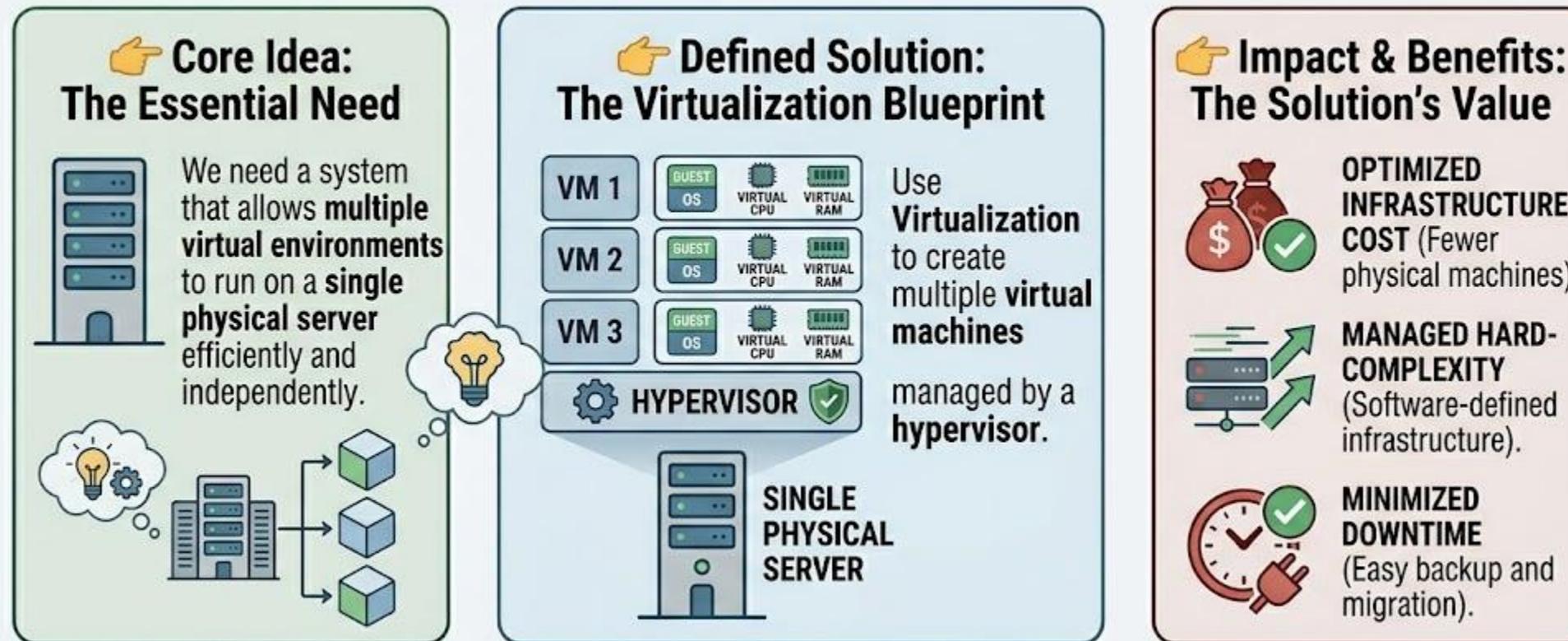


2. Empathize (Understanding User Needs)

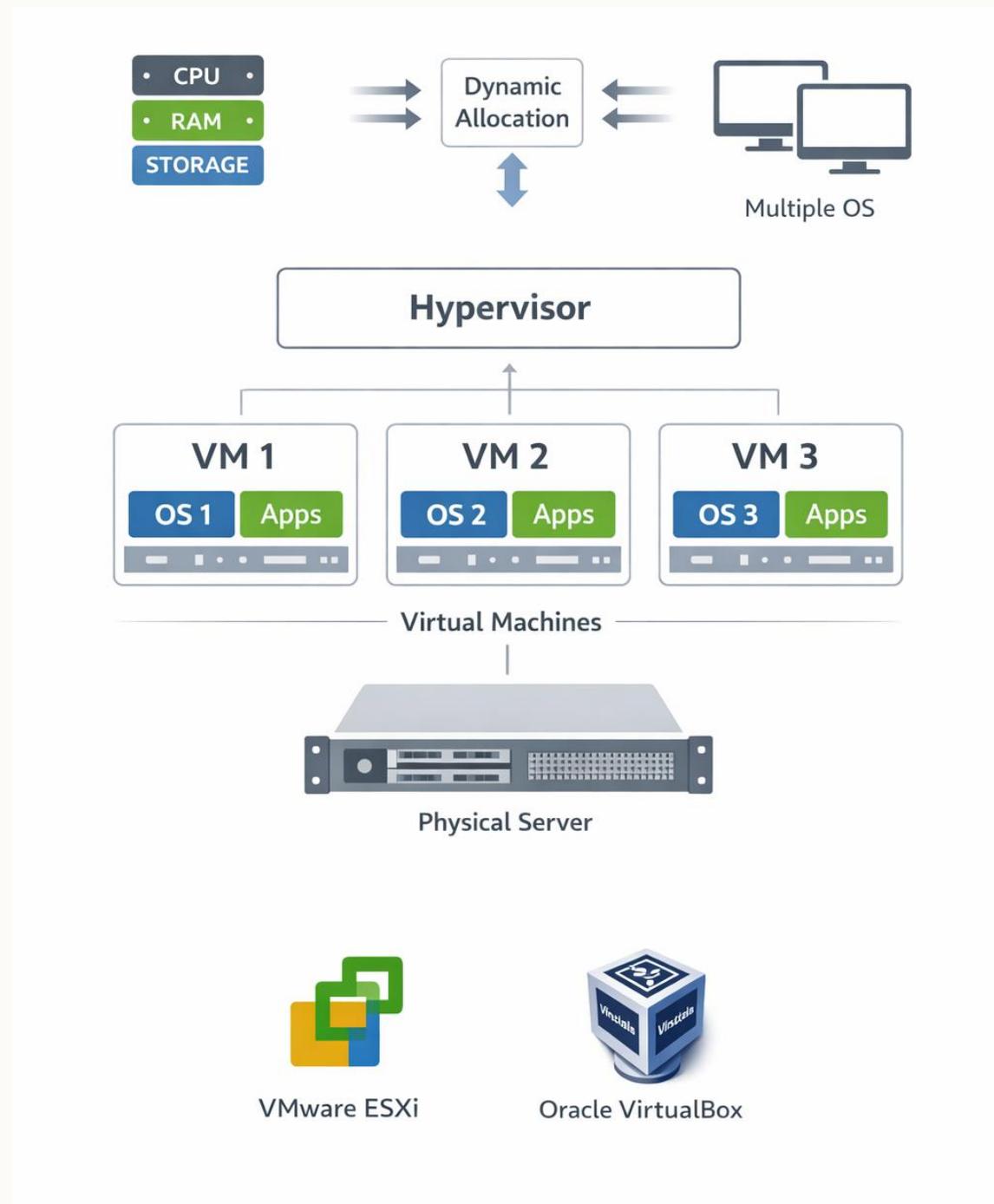


EMPATHY: Deeply understand these challenges to craft effective solutions.

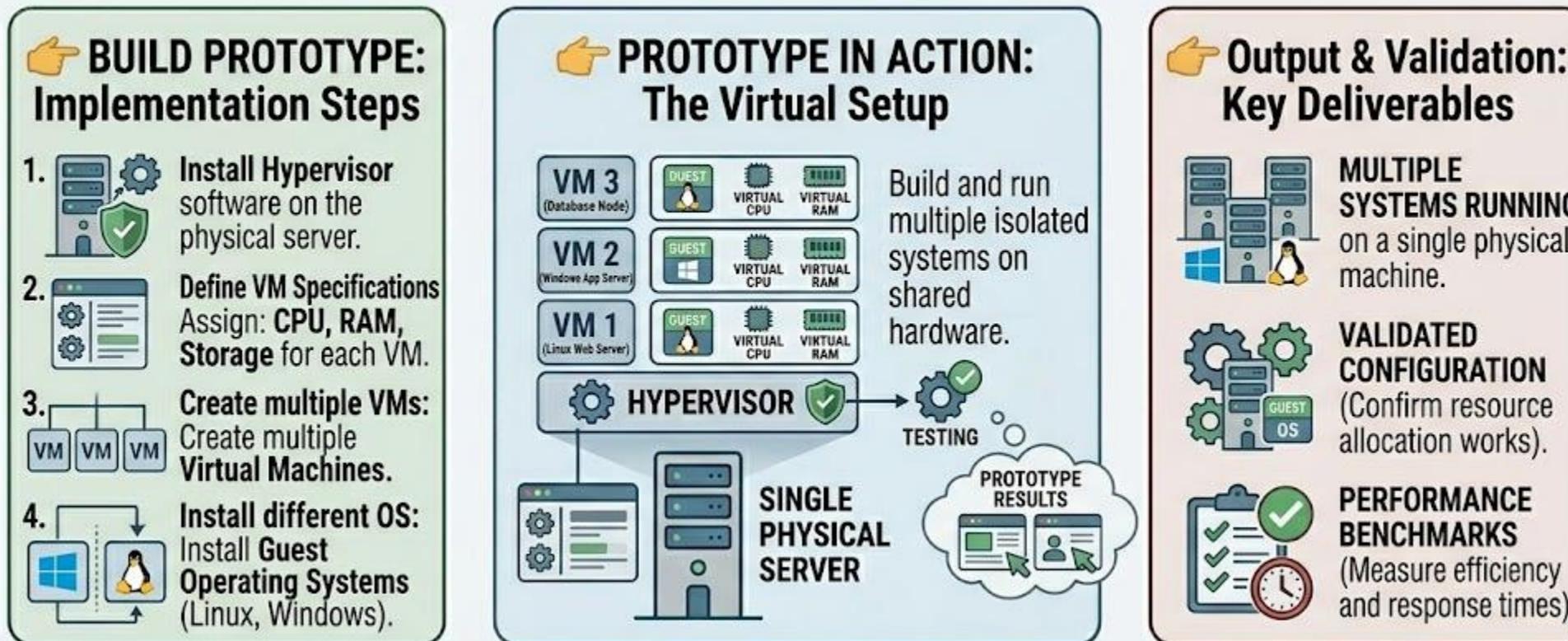
3. Define (Defining the Virtual Solution)



DEFINE: Clearly specify the problem-solution fit to guide the subsequent design phases.



5. Prototype (Building and Testing the Solution)

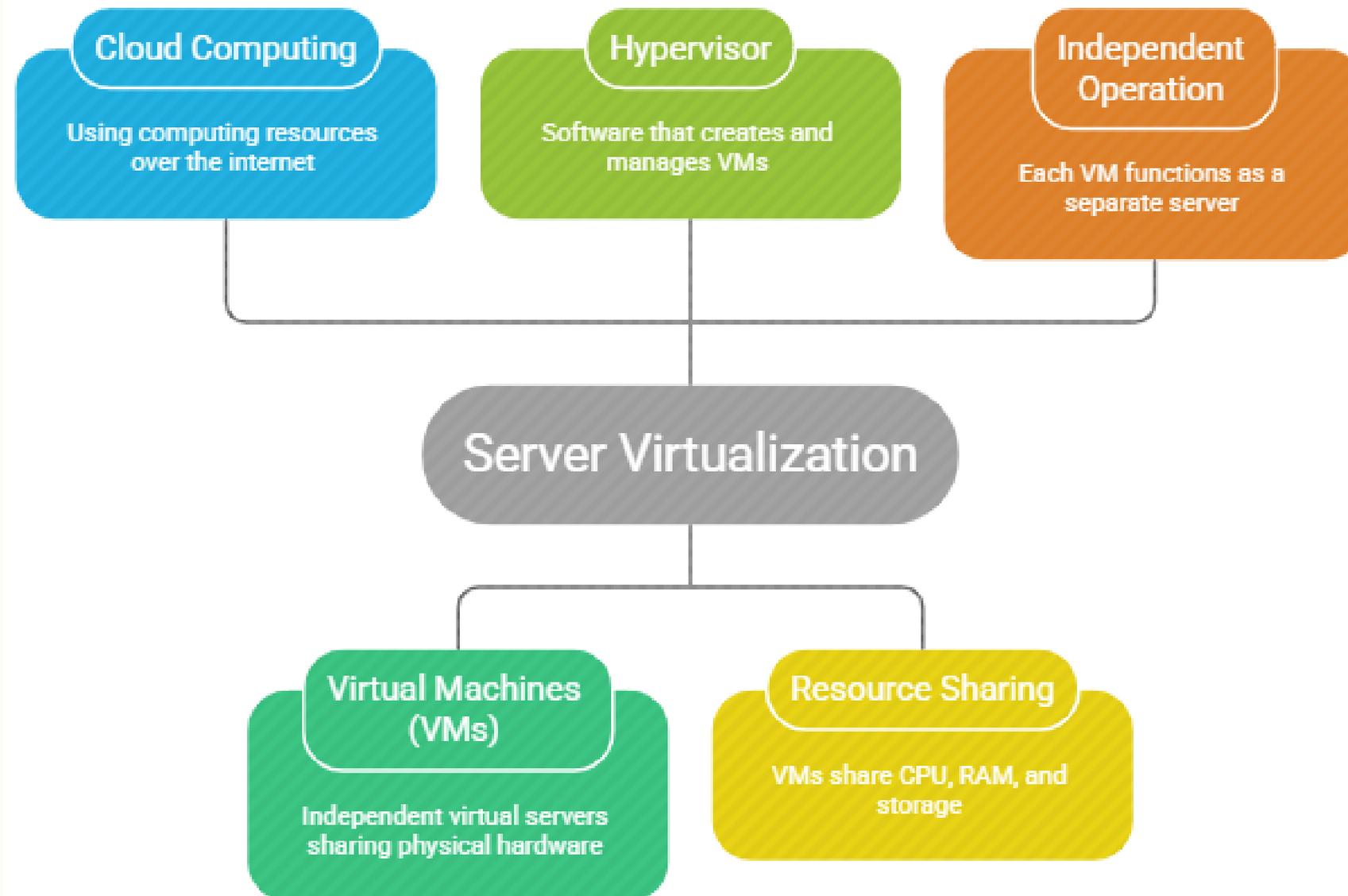


PROTOTYPE: Build a working model to validate and refine the technical blueprint.

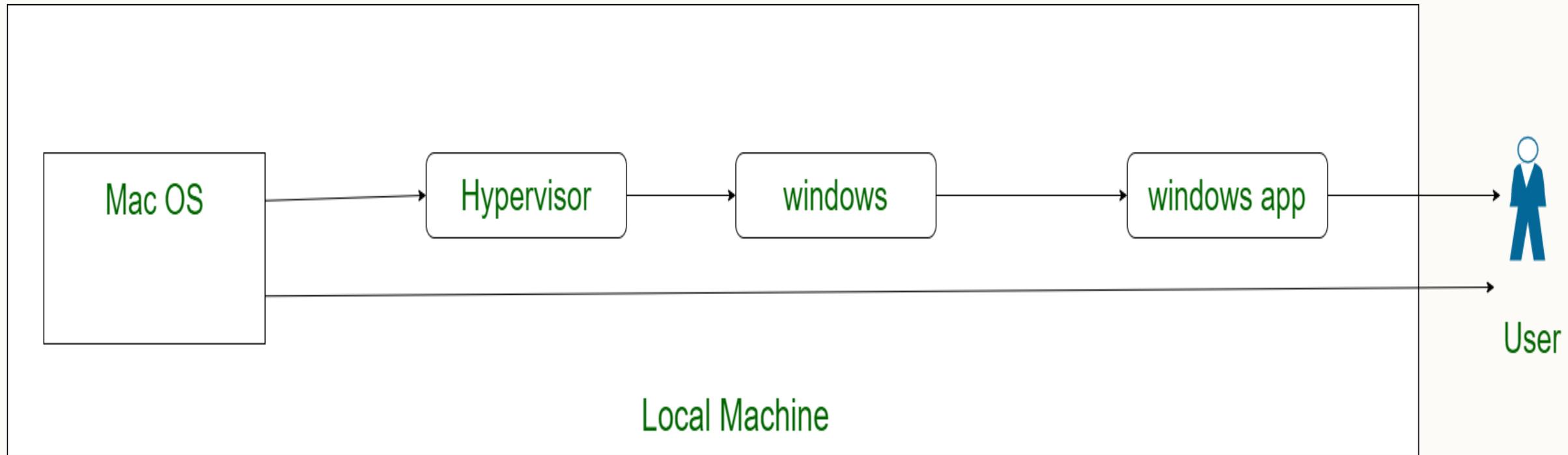
6. Test



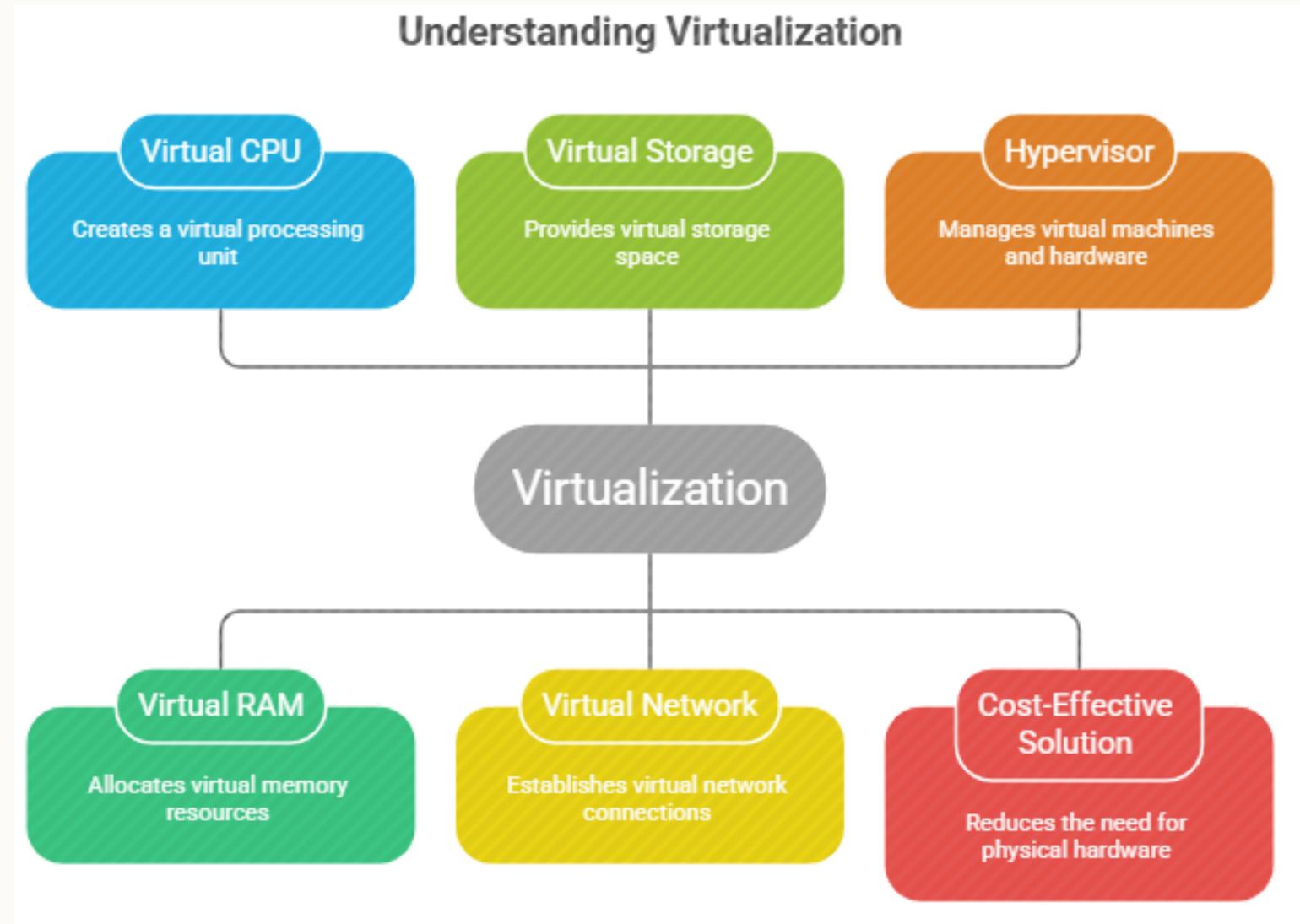
Understanding Server Virtualization



What is Virtualization?

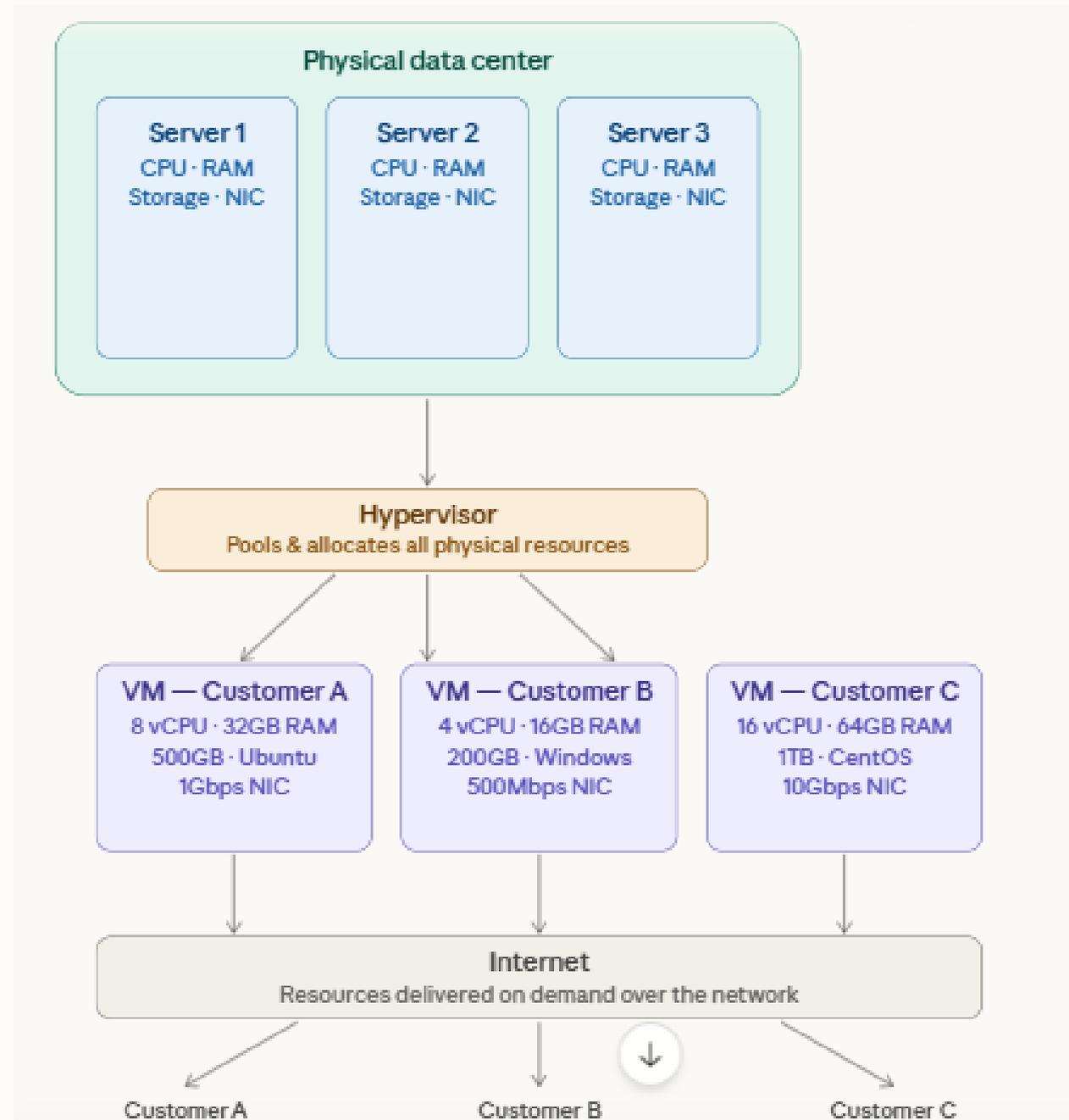


What is Virtualization?



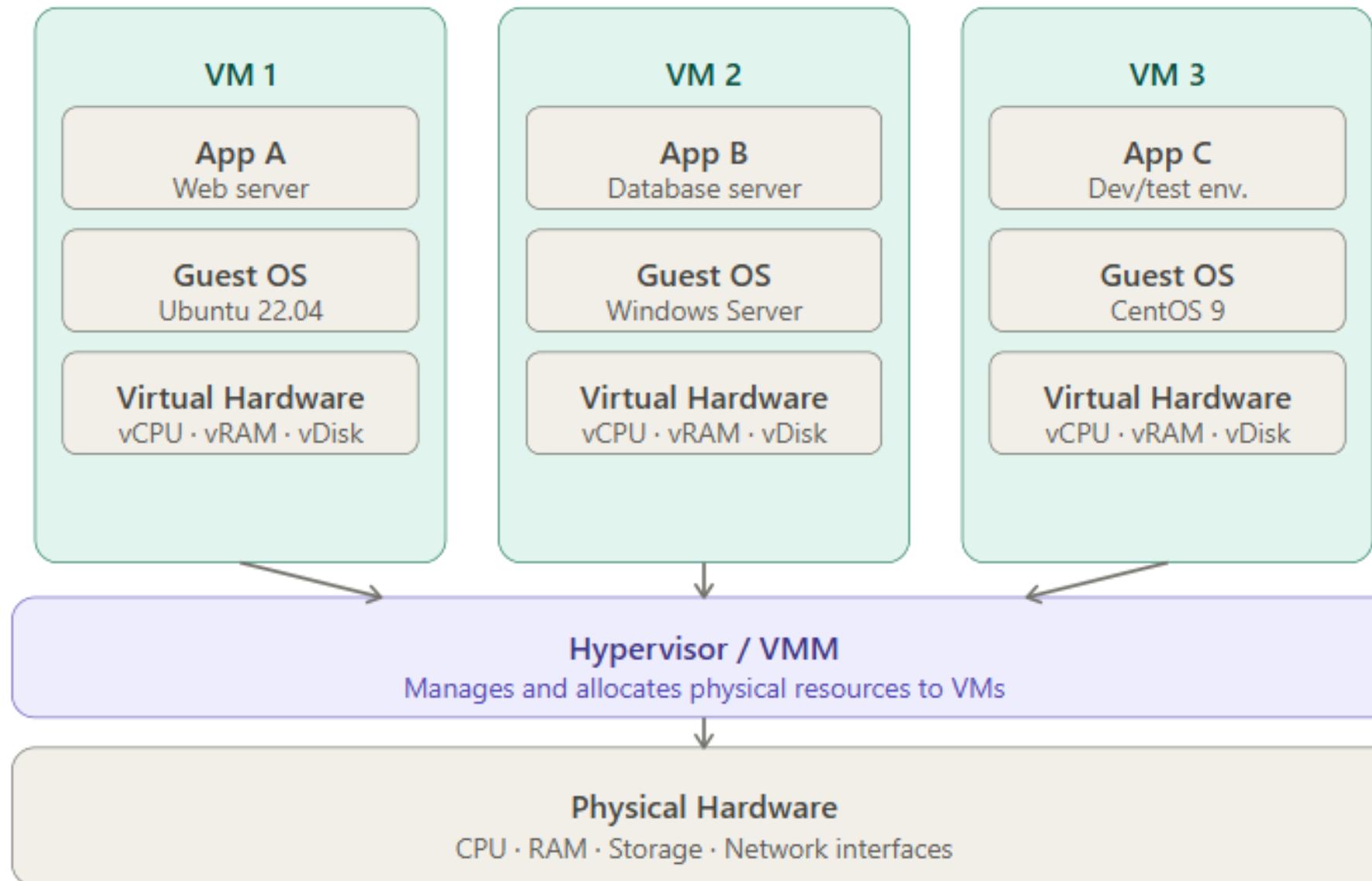
SERVER VIRTUALIZATION

How It Works

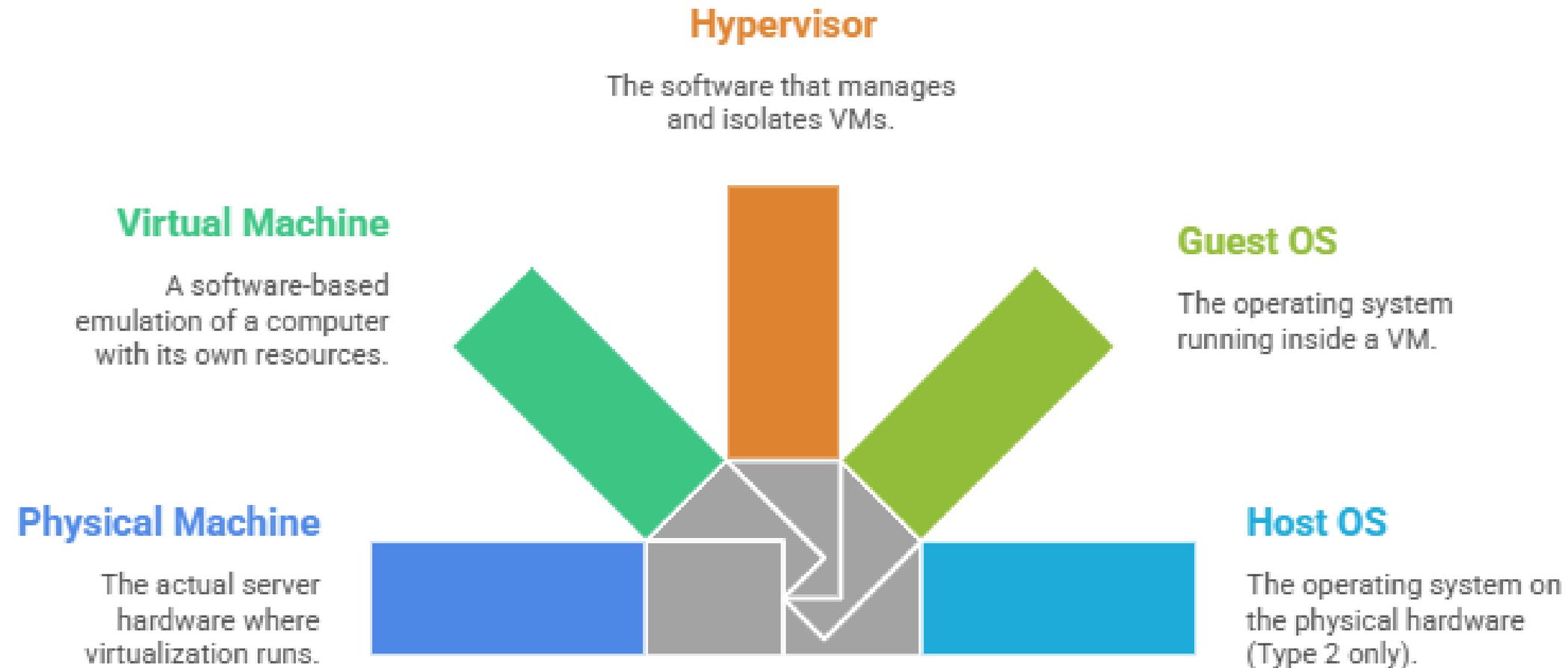


Server virtualization architecture

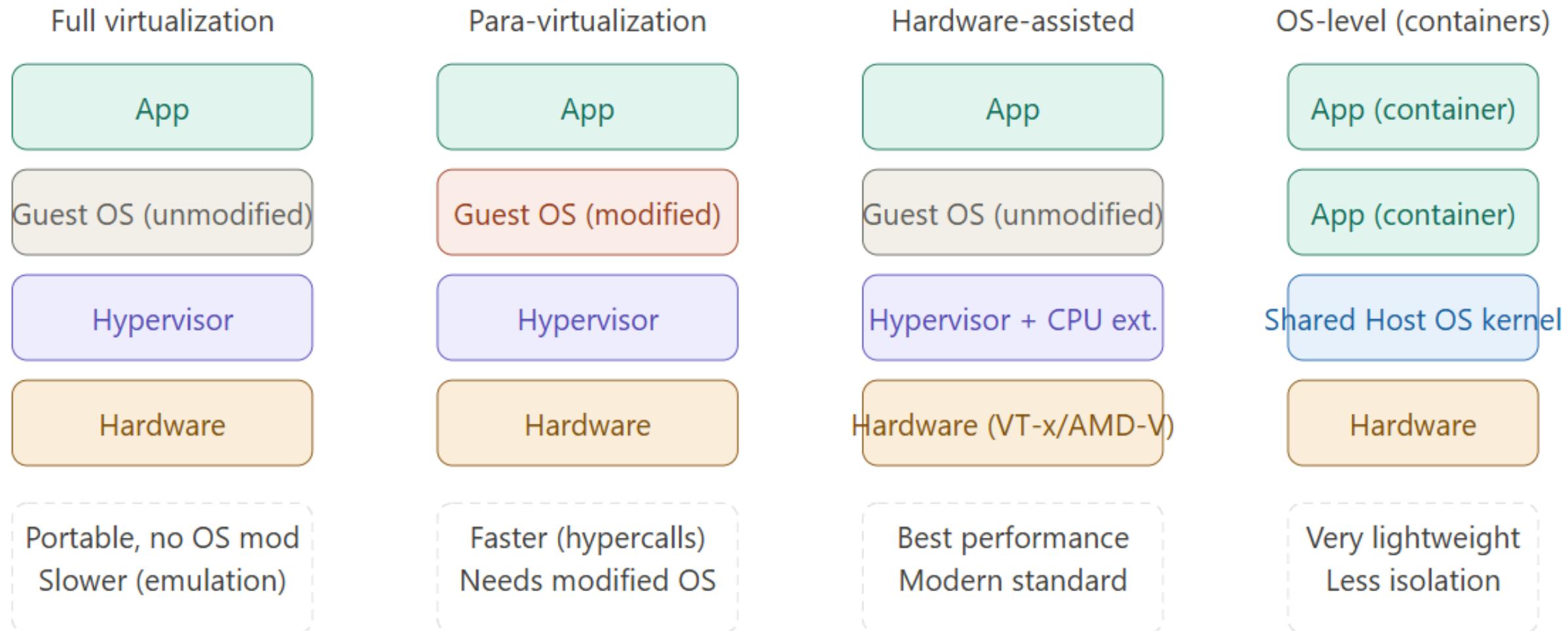
One physical machine runs multiple isolated virtual machines simultaneously



Which virtualization component is being discussed?



Virtualization types — resource layer comparison



Balancing Server Virtualization's Pros and Cons

