

SNS COLLEGE OF TECHNOLOGY

An Autonomous Institution

Coimbatore-35



Department of Computer Science and Engineering

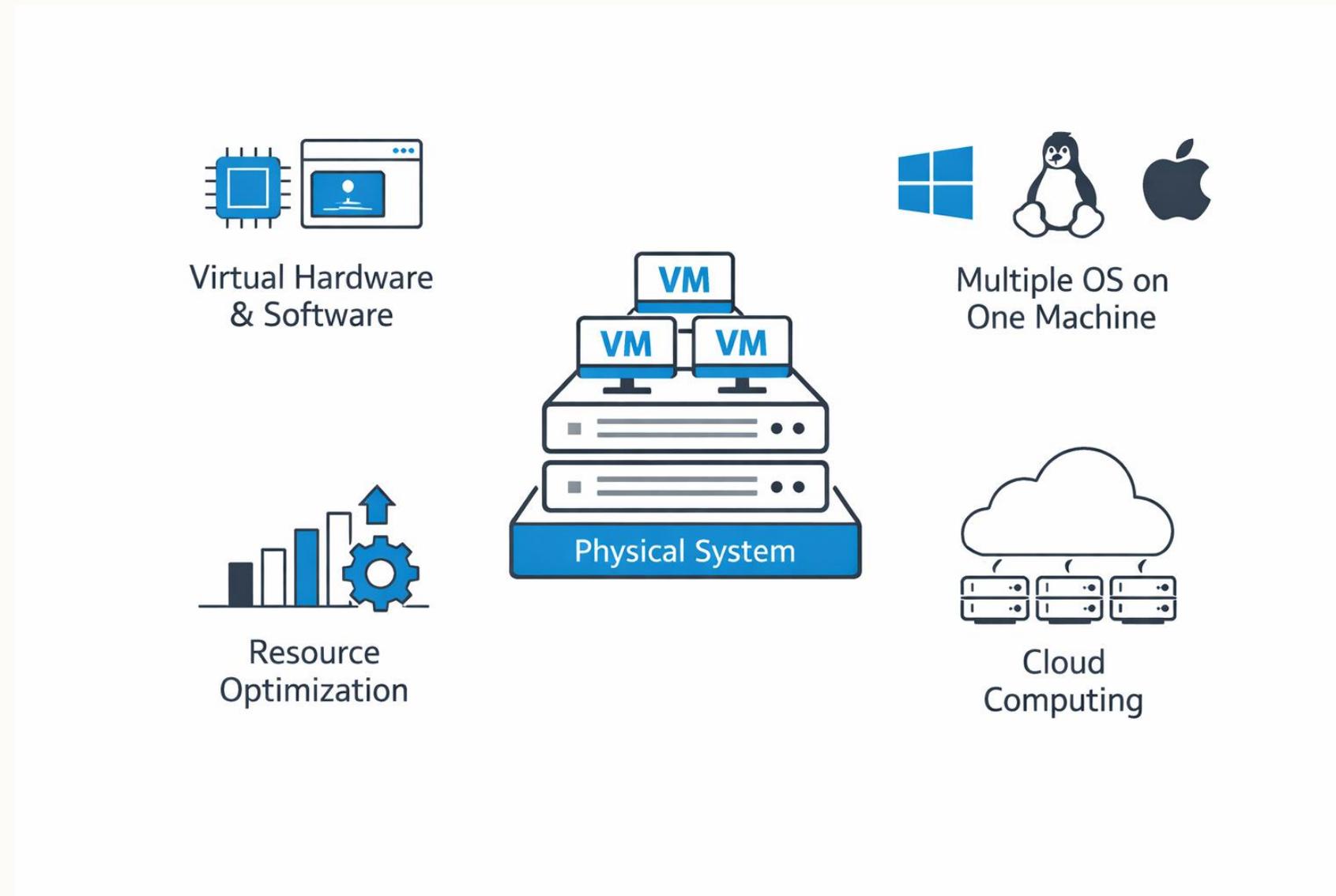
23CST206-OPERATING SYSTEMS AND VIRTUALIZATION

B.E- CSE /IV SEMESTER

UNIT - IV VIRTUALIZATION

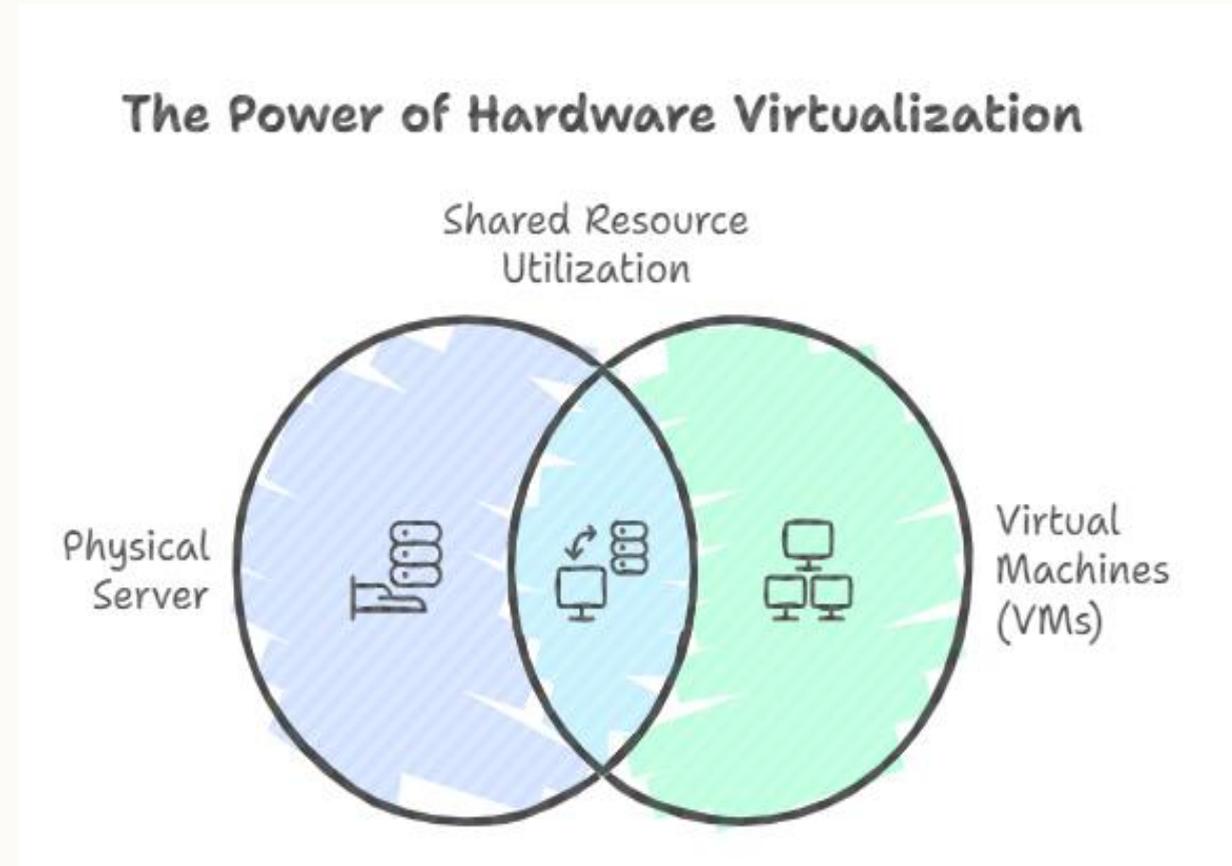
Topic 6: Types of Virtualization Architecture

Types of Virtualization Architecture

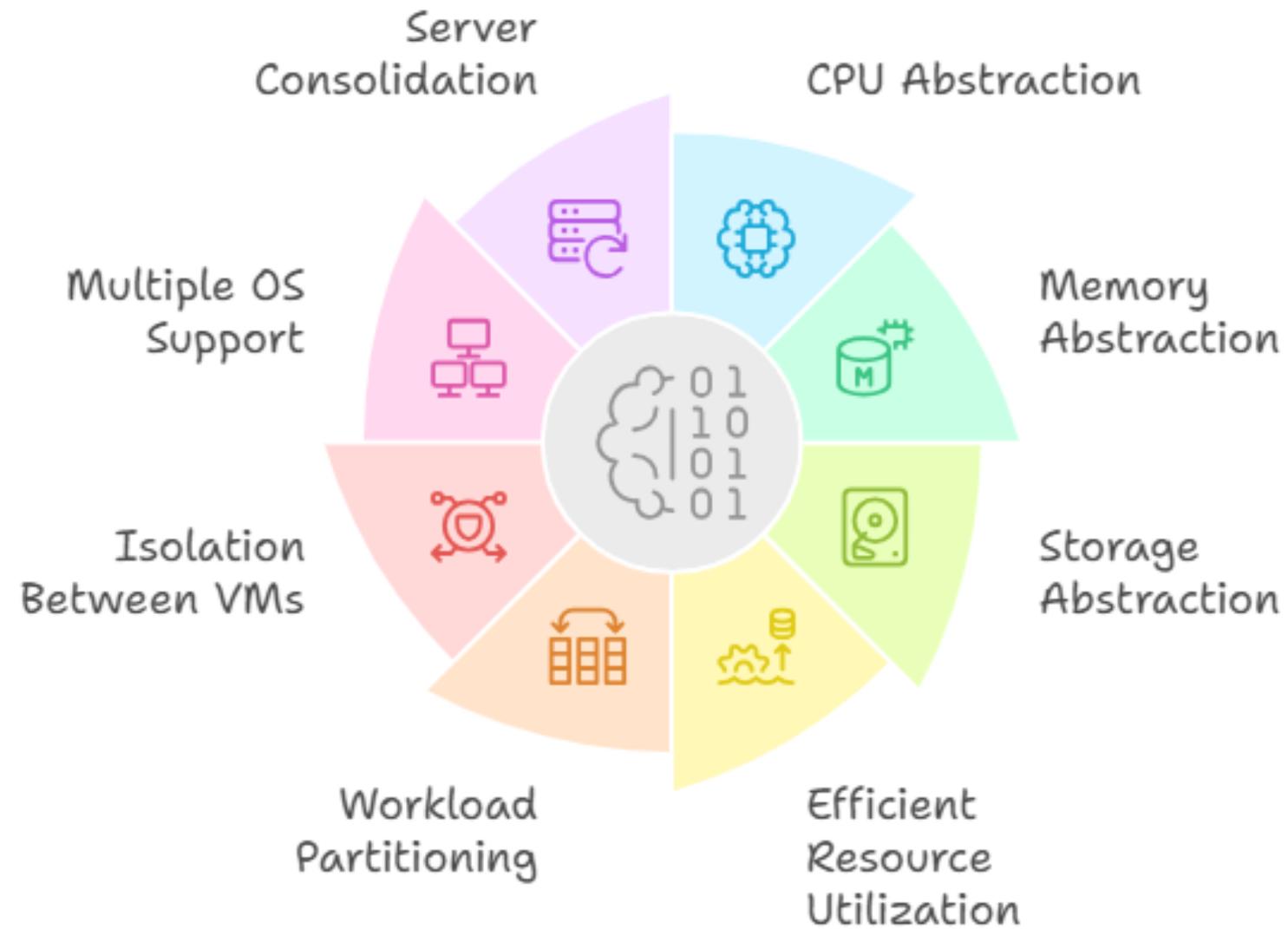


Types of Virtualization Architecture

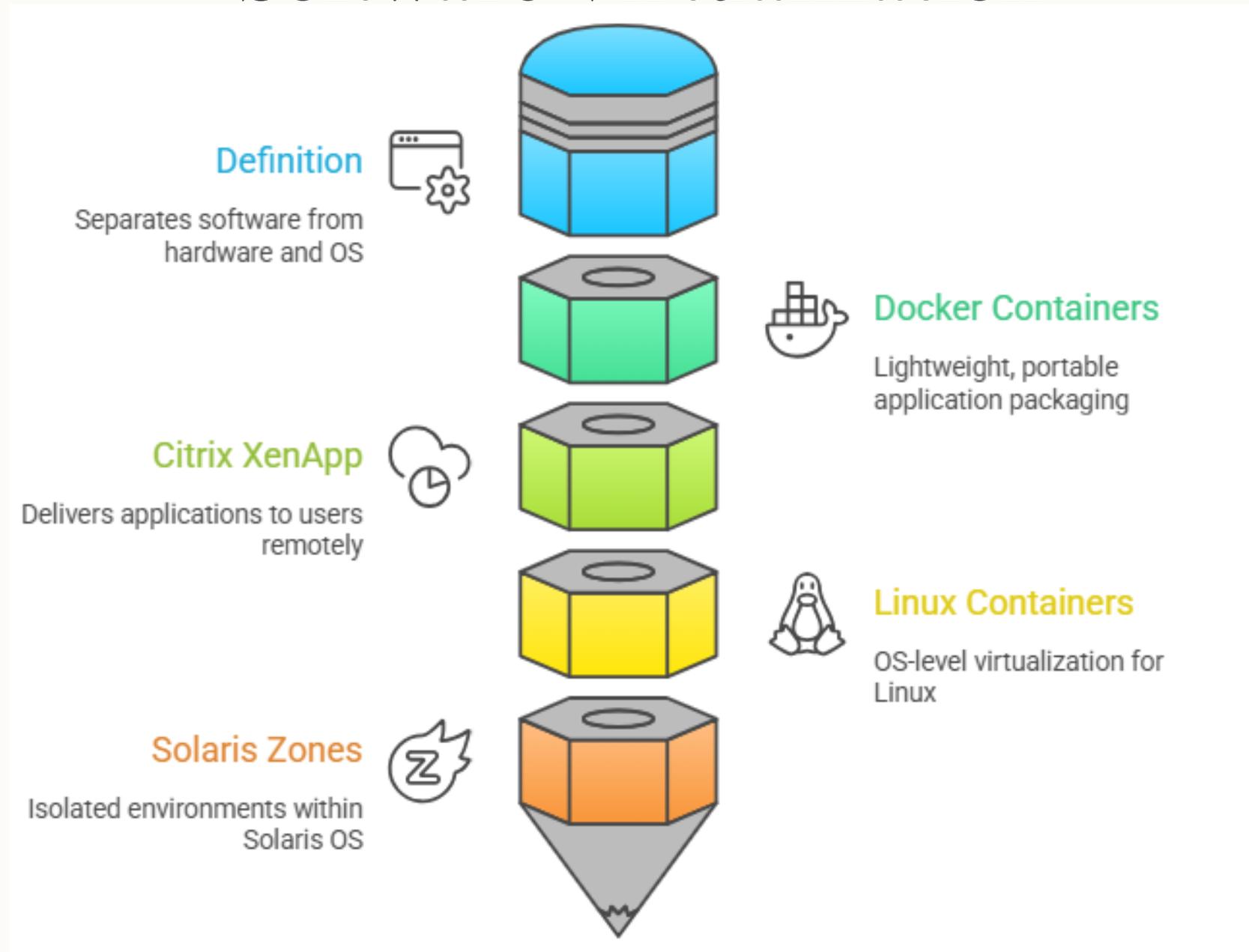




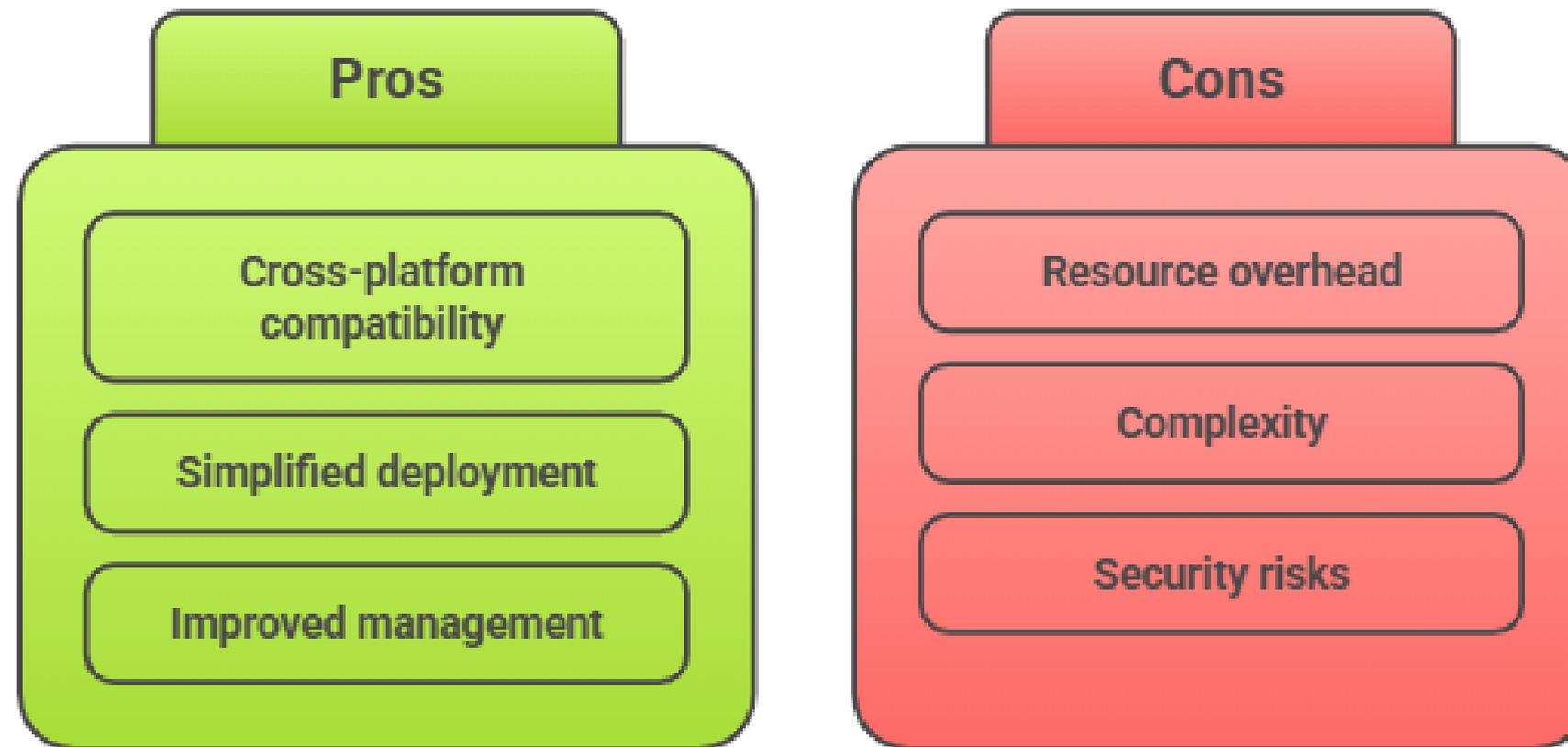
Benefits of Hardware Virtualization



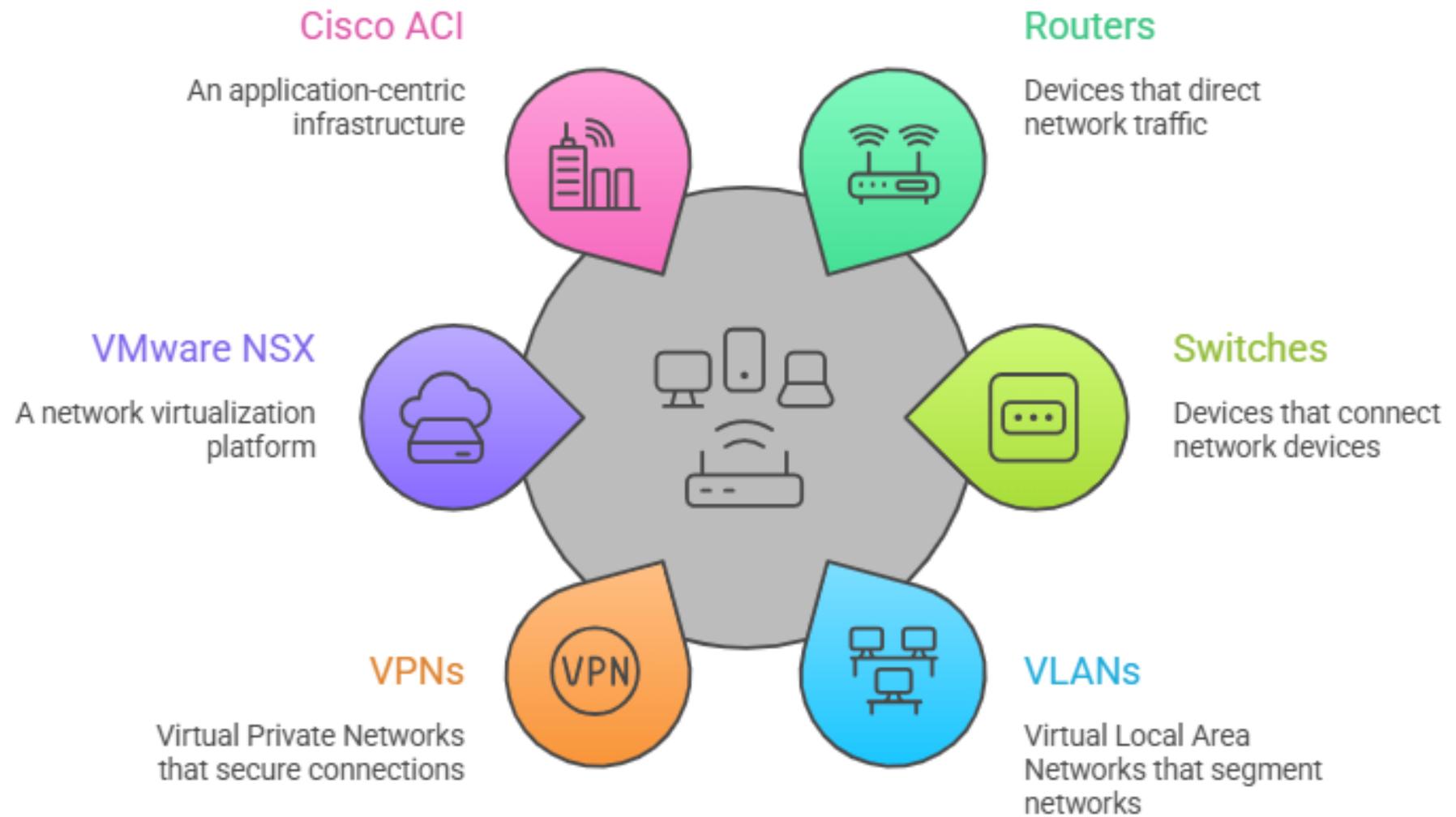
Software Virtualization



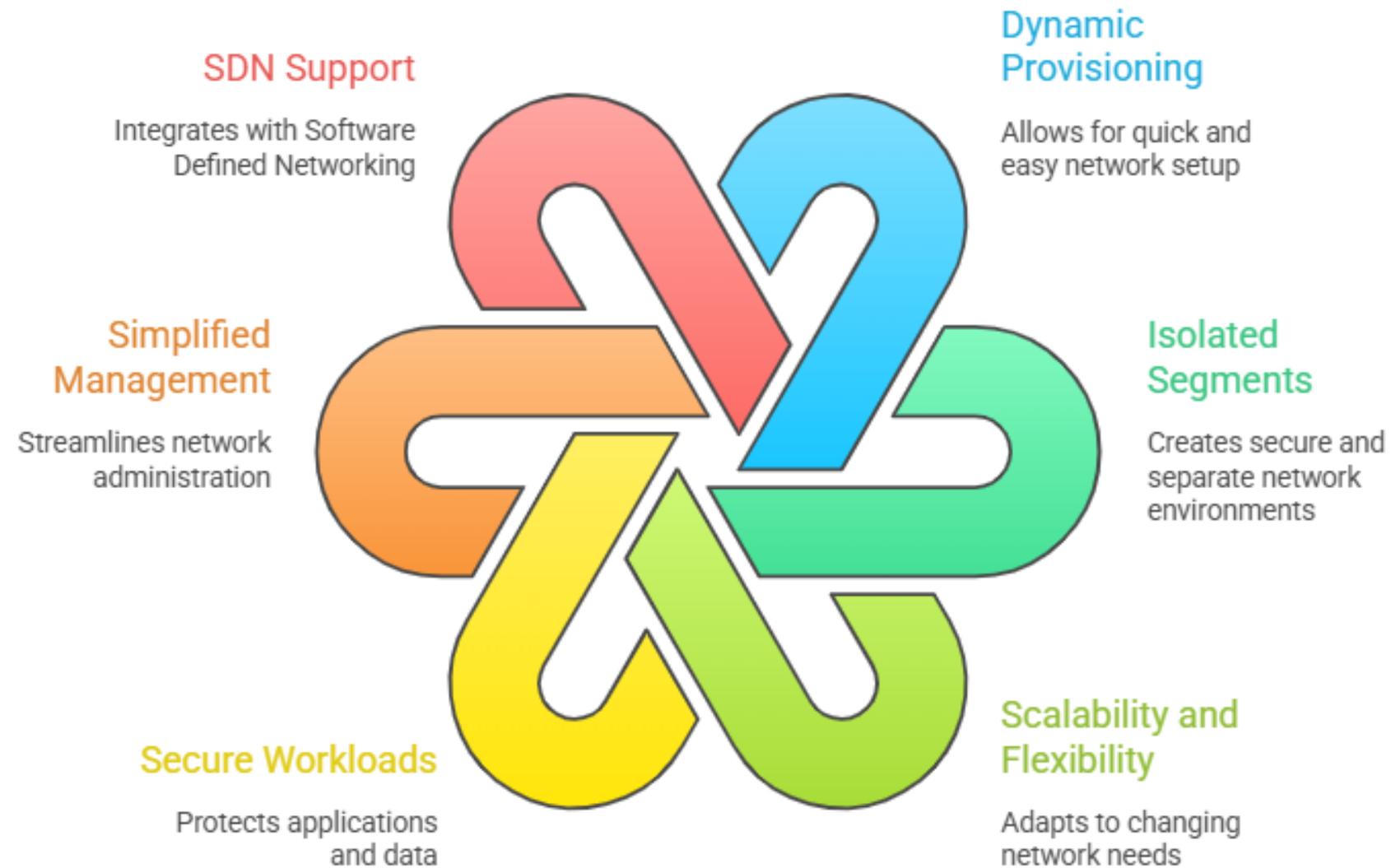
Software Virtualization

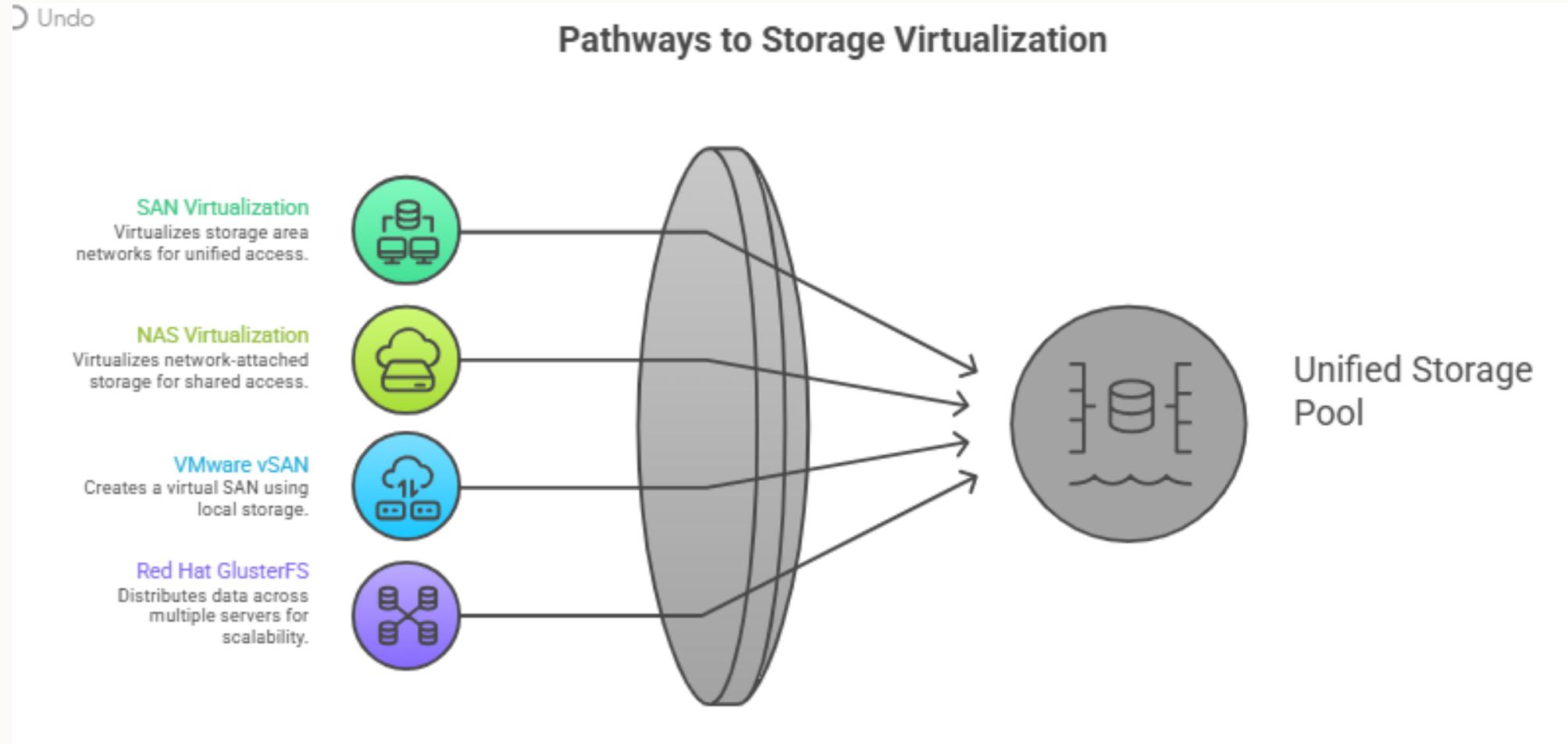


Components of Network Virtualization

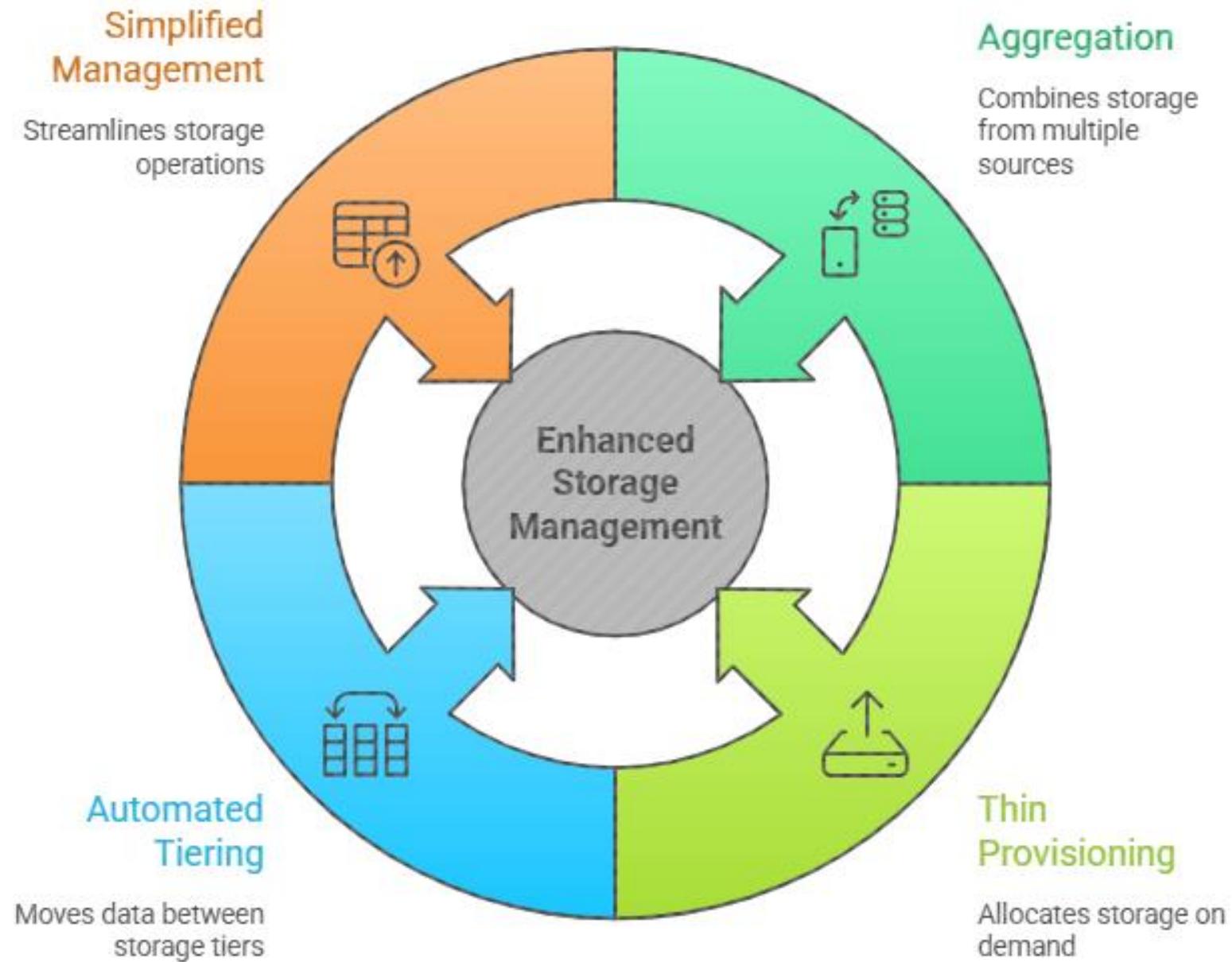


Benefits of Network Virtualization





Benefits of Storage Virtualization



Understanding Application Virtualization

Docker Containers

Lightweight, portable environments for running applications

Microsoft App-V

Delivers applications to users on demand without installation



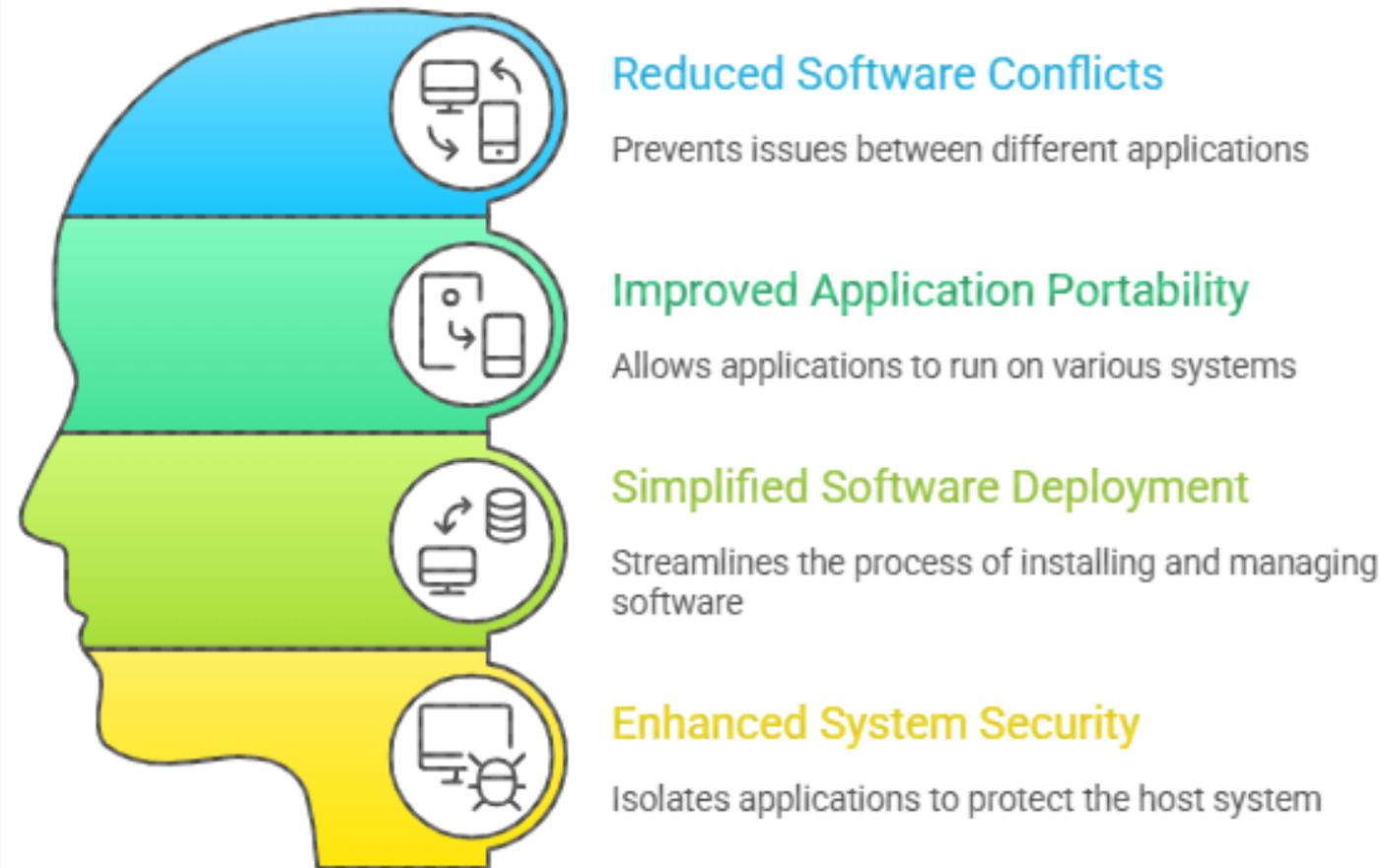
Definition

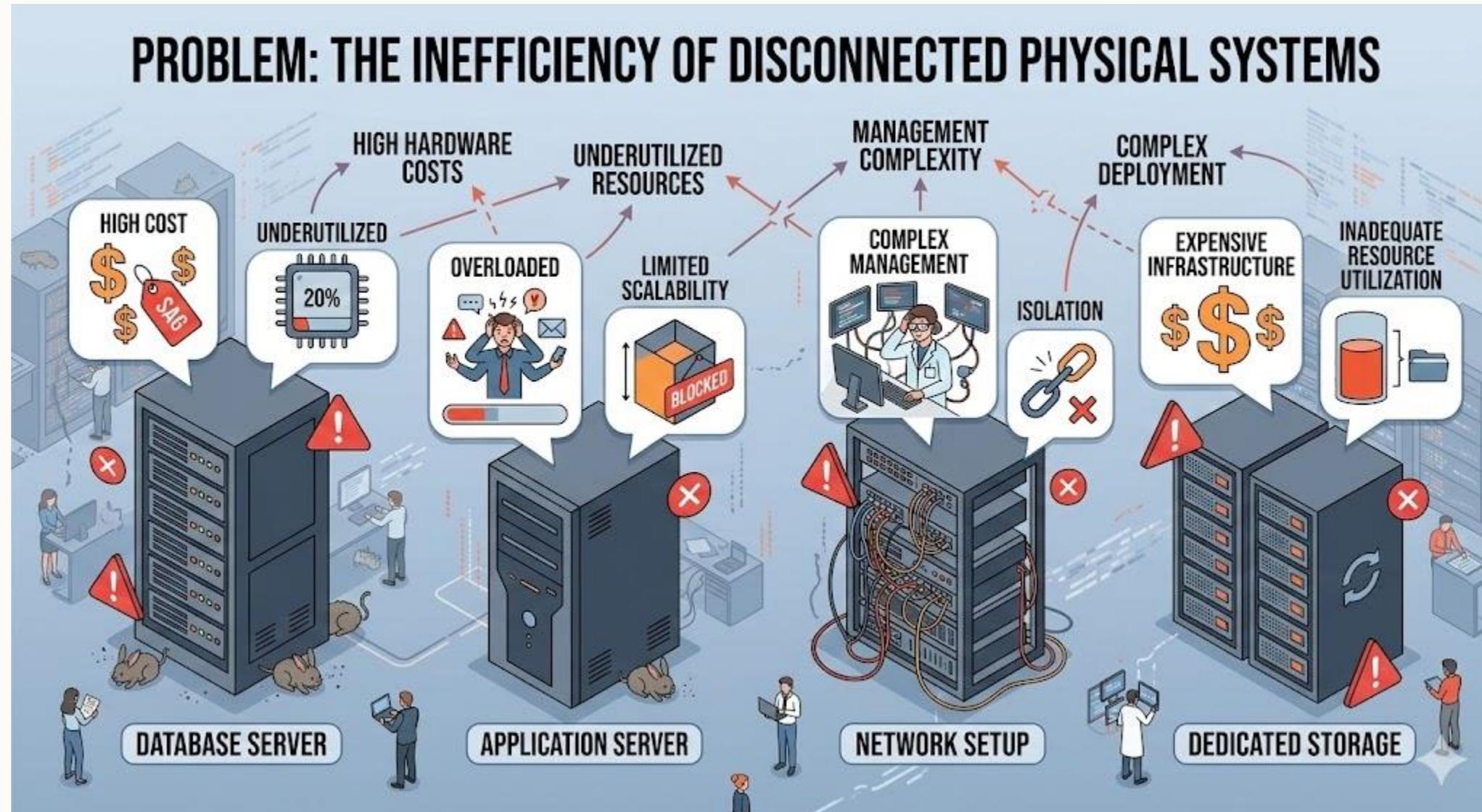
Running apps in isolated environments without direct installation

VMware ThinApp

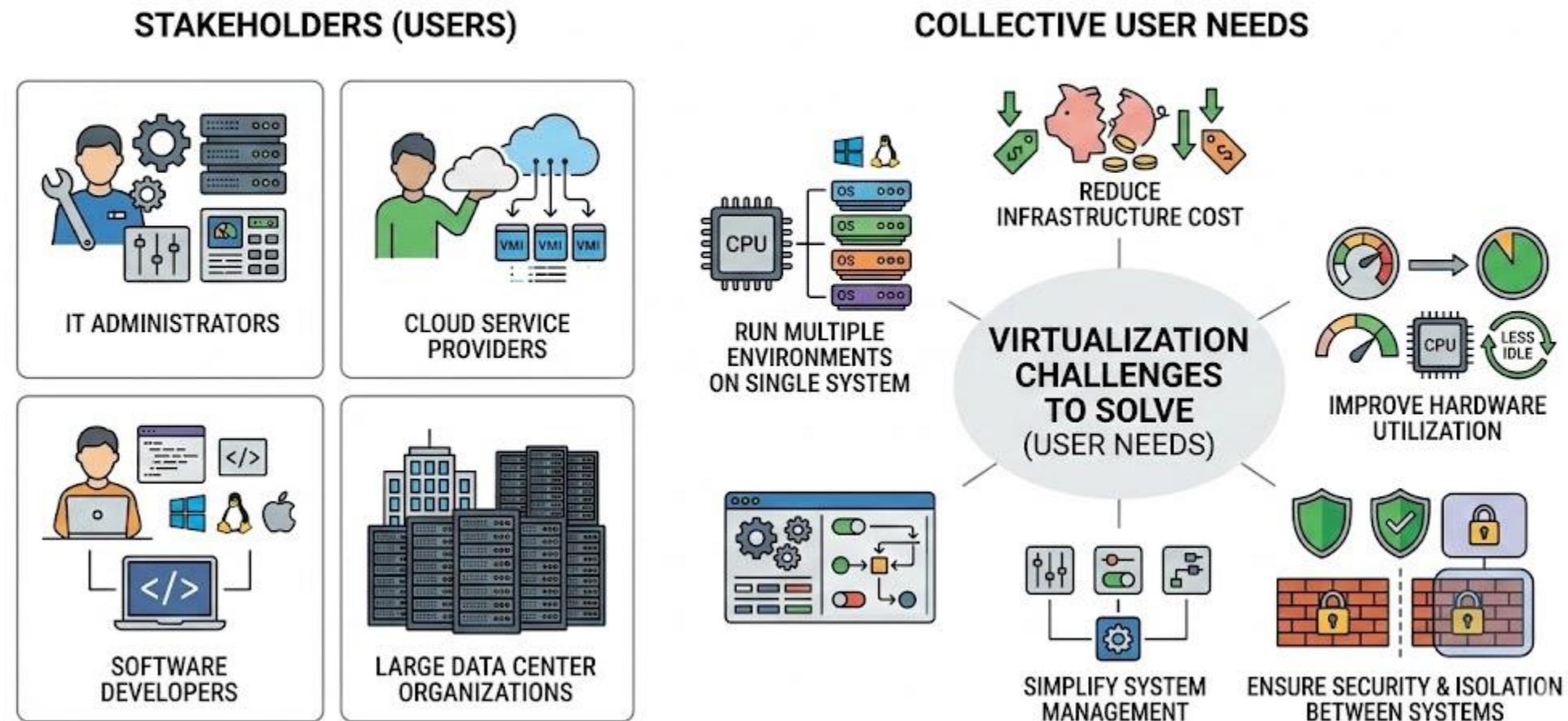
Creates self-contained applications that don't require installation

Benefits of Application Virtualization

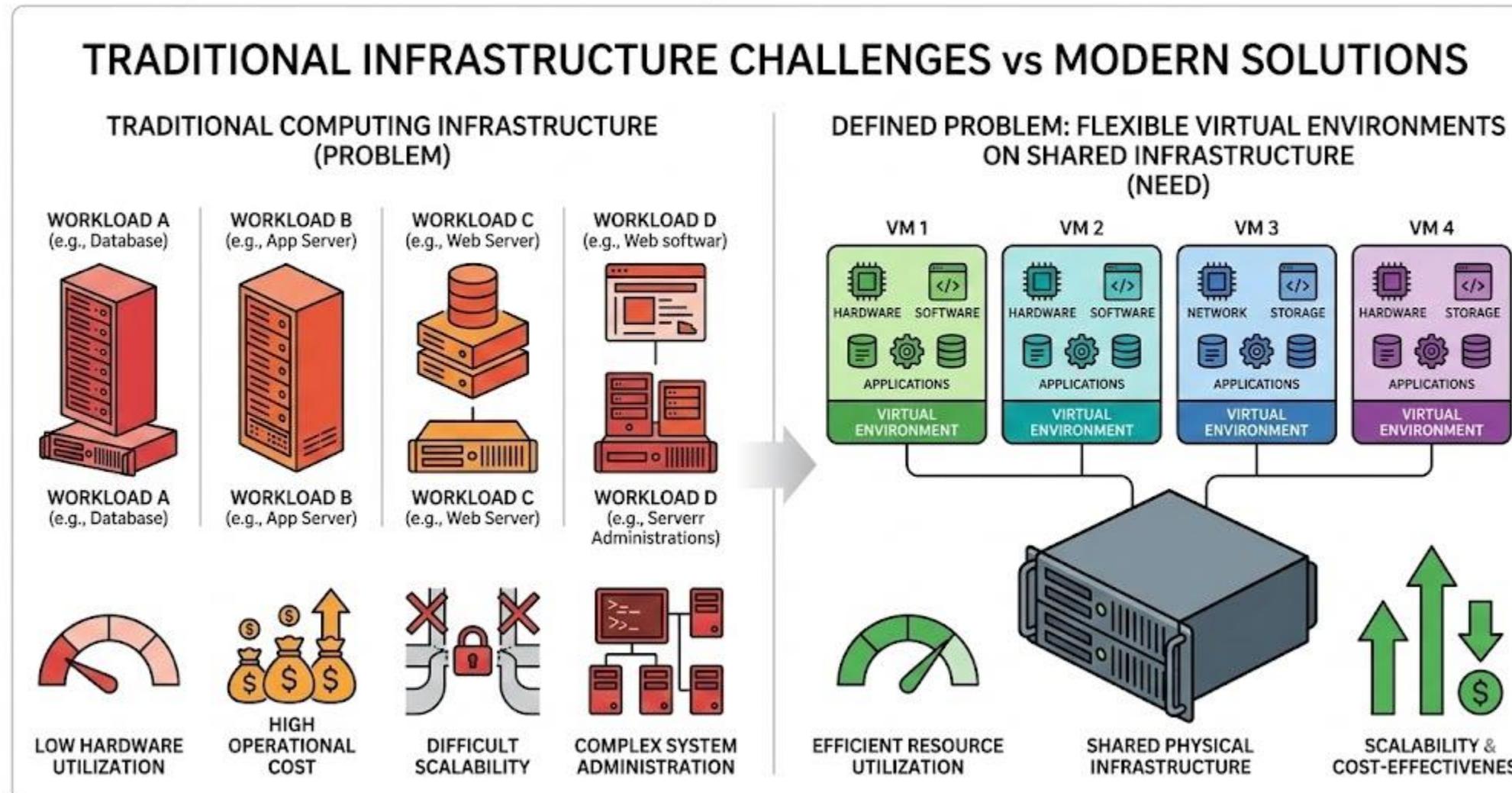




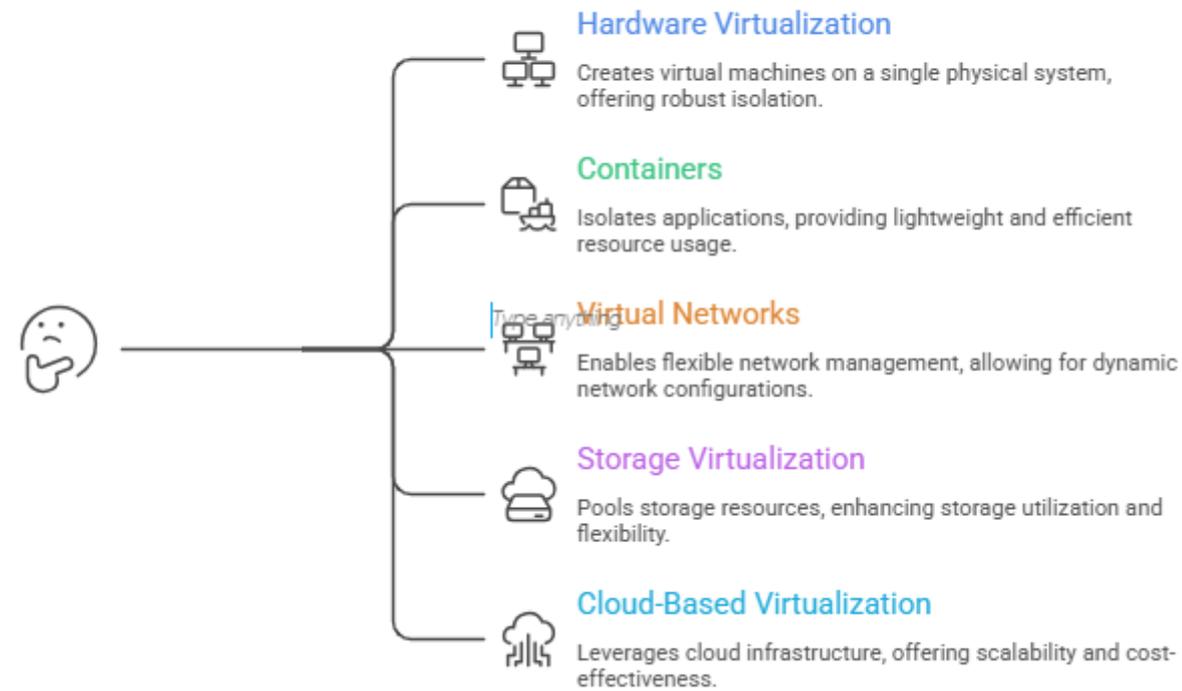
1. EMPATHIZE (UNDERSTANDING THE USERS)



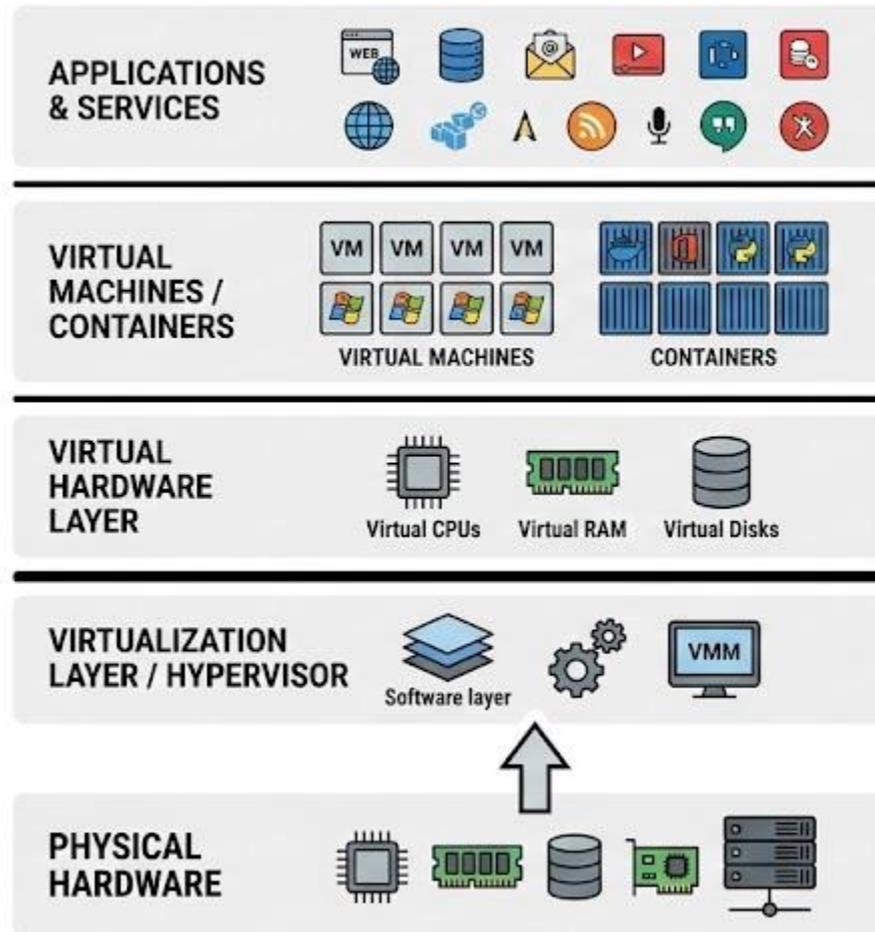
2. DEFINE (CLEARLY DEFINE THE PROBLEM)



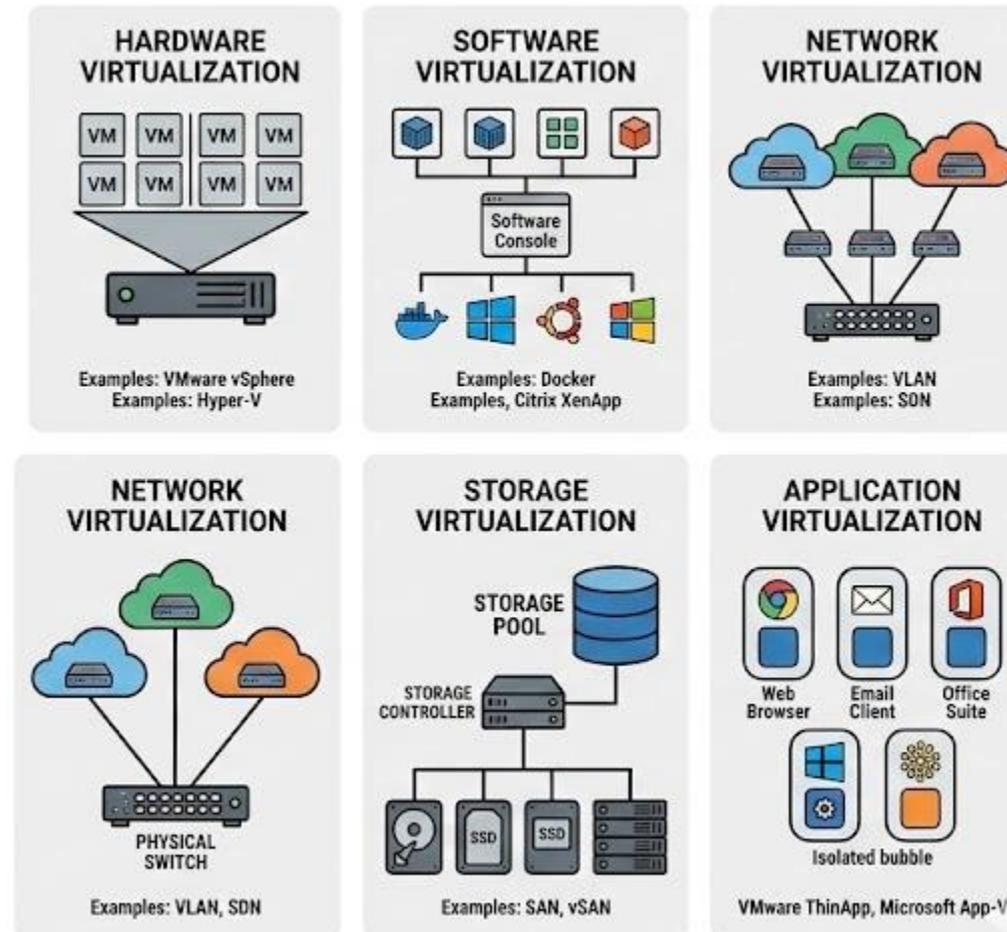
Which virtualization solution should be implemented?



VIRTUALIZATION ARCHITECTURE STRUCTURE



TYPES OF VIRTUALIZATION USED



Benefits of Virtualization Testing



