

SNS COLLEGE OF ENGINEERING

Kurumbapalayam(Po), Coimbatore – 641 107

Accredited by NAAC-UGC with 'A' Grade

Approved by AICTE, Recognized by UGC & Affiliated to Anna University

Department of Information Technology

alization

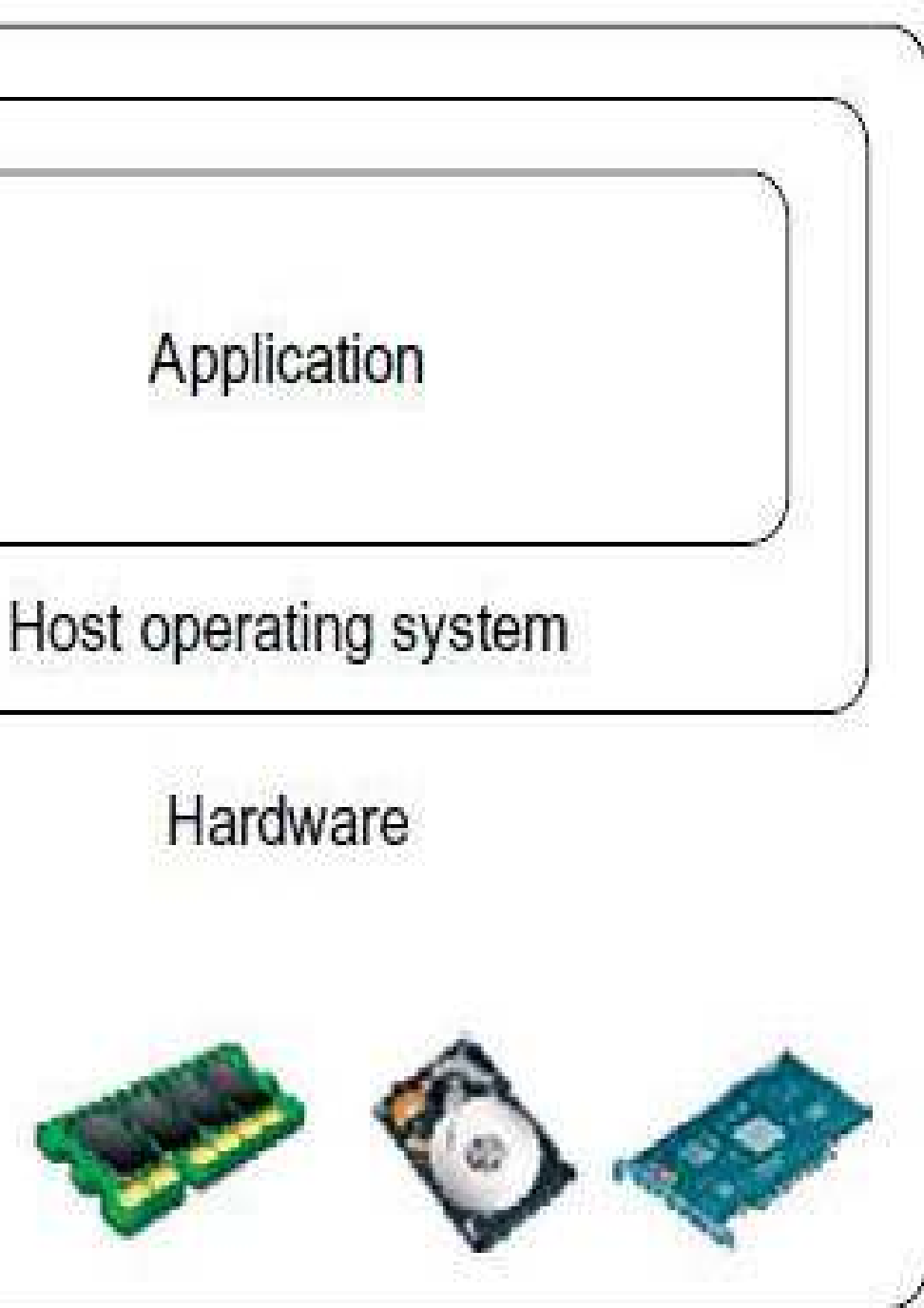
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Virtualization

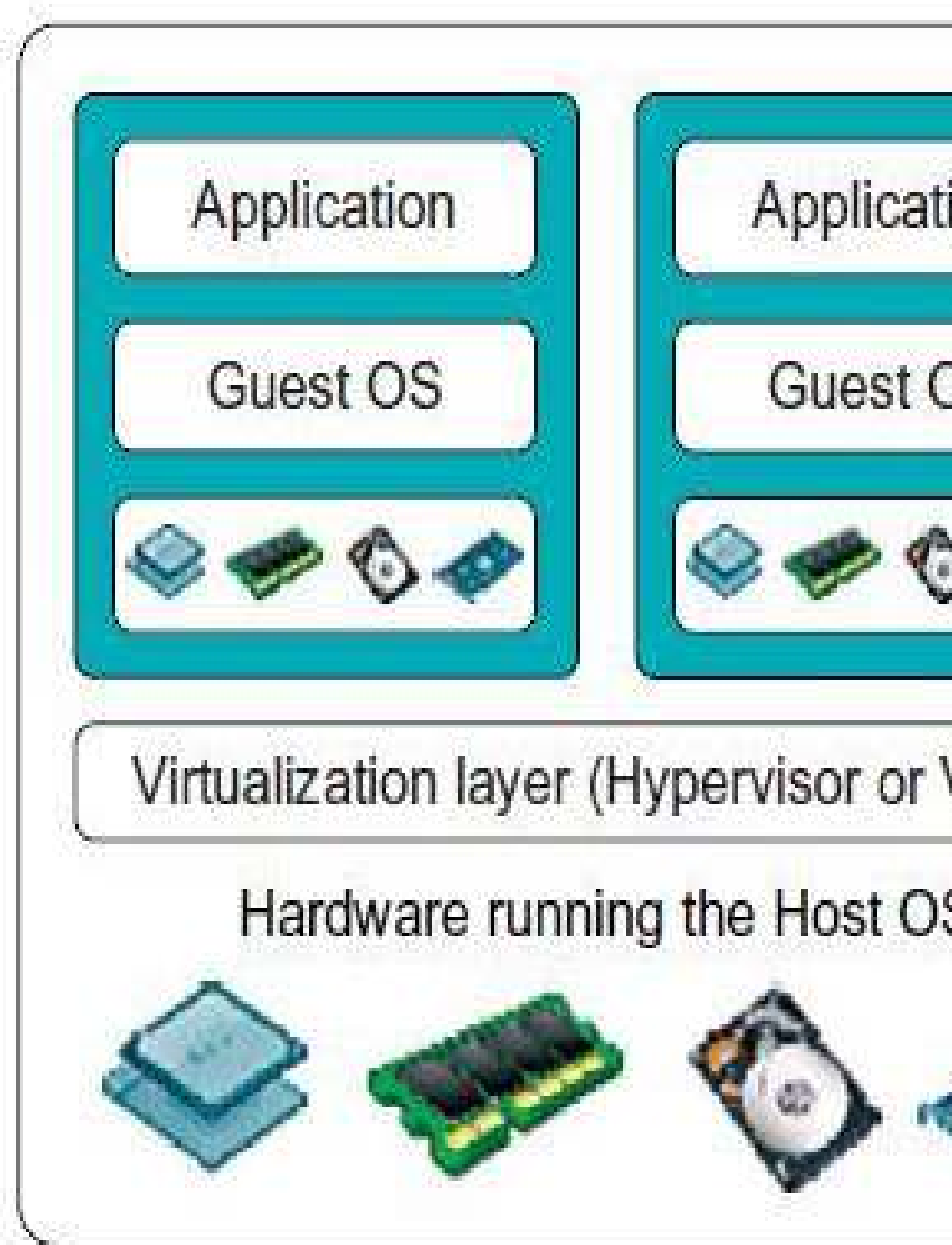
a computer architecture technology by which multiple operating systems are multiplexed in the same hardware machine.

a method of running multiple independent virtual machines on the physical computer.

essentially a technology that allows creation of virtual environments. These environments are called virtual machines. The interface that is expected by a guest



(a) Traditional computer



(b) After virtualization

Machine 1

software

Server

Web
Server

Windows

Virtual Machine 2

User software

Facebook App

Java

Ruby on
Rails



Linux

Virtual Machi

User software

App A

App B

Guest OS

Virtual Machine Monitor (Hypervisor)

Hardware

ance servers can host several virtual machine instances
opportunity to have a customized software stack on

se technology that enables cloud computing solutions
on demand.

n hardware virtualization, storage and network virtualization
ange of technologies for the emulation of IT infrastructure

servers and softwares

Common Virtual Server Providers in Cloud

on EC2,

cale,

re vCloud

M software packages

reWorkstation

VM VirtualBox

els Desktop

soft Hyper-V

XenServer