

# LAB 4 OS

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## 1 Question 1:

What is the relationship between a guest operating system and a host operating system in a system like VMware? What factors need to be considered in choosing the host operating system?

The host operating system is the primary or base operating system installed on the physical hardware of the machine and has direct access to the machine's resources. The guest operating system runs inside a virtual machine, which is a software-based emulation of a computer managed by the host. When choosing the host OS you should ensure that the virtualization software supports the host OS, ensure the OS has a good security track record, and make sure it offers efficient resource management and virtualization capabilities.