

Lab Four

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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?

A host operating system (OS) like VMware typically has direct communication with the hardware of the host machine itself. In virtualization, the guest OS is a virtual OS that sits on top of the actual hardware OS, the host OS. Factors to be considered when choosing an host OS include the weight of the host OS. The host OS should be lightweight to allow for the guest OS and other virtual machines to be as close to the physical layer of the device as possible, the host OS's speed; memory size, performance and security.