

# Lab Four

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## 1 PROBLEM ONE

### 1.1 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 guest operating system runs on the host operating system while the host operating system runs directly on hardware. The host operating system has the real power in this relationship because it is the one with access to the kernel. It is up to the guest operating system to be flexible and mimic the host operating system. When choosing a host operating system, you should consider what guest operating systems you would like to run and the amount of them.