Lab4

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1   Host and Guest Operating Systems on VMware

A host operating system is the OS that is in direct communication with the
hardware of the machine. The host has access to the kernel and its system calls.
It also uses containerized virtualization to partition data and applications on
the server. On the other hand, there can be a guest operating system that runs
on top of the host OS that acts as a virtual machine. For example you have
the option of running windows on a mac computer if you can partition your
hard drive. When choosing a host operating system you should ensure that you
utilize a lightweight modular infrastructure so you are able to be as close to the
kernel and hardware as possible. Both the host OS and the guest OS can be
run simultaneously, but the host OS must be initialized first.