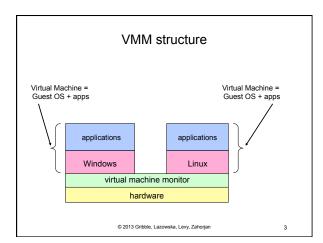
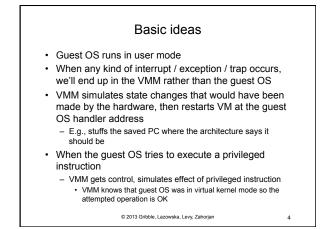
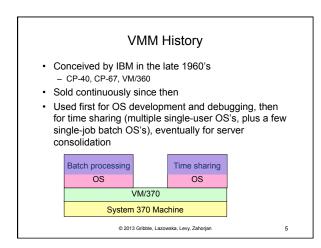
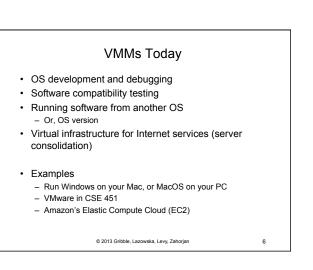


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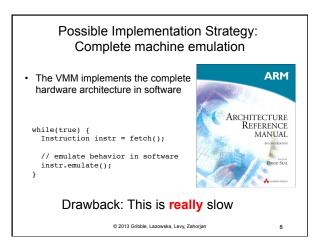


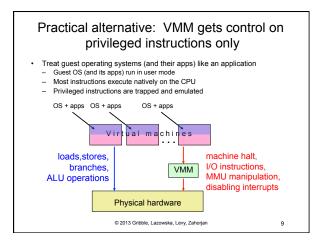


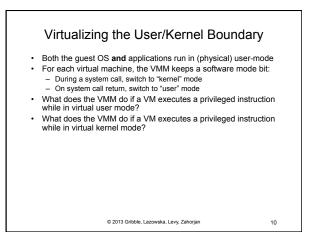


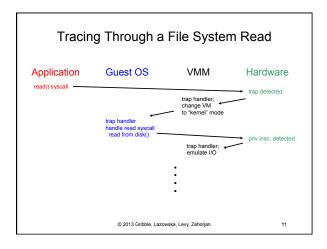


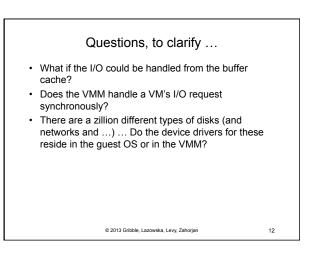
	UNIX	VMM
Storage	File system	(virtual) disk
Networking	Sockets	(virtual) Ethernet
Memory	Virtual Memory	(virtual) Physical memory
Display	/dev/console	(virtual) Keyboard display device











A possible "gotcha"

- All instructions that modify hardware state must be privileged (so that VMM can get control, modify the virtual hardware state for that guest, and not modify the physical hardware state)
- Example: Suppose the ERET instruction (return to a user process after handling an exception) is not privileged
 - ERET sets the PC to the saved PC, and sets CPU mode to user
 - There doesn't seem to be a reason to prevent user processes from doing this (even if there's no reason for them to want to)

Why would this be a problem for a VMM?

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