

EECS 768 Virtual Machines – Chapter 8

1. Differentiate between system and process VMs.
2. In a process VM, the runtime needs protection from the guest processes. Does a *hypervisor* require similar protection from guest VMs? Explain.
3. Explain the difference between *privileged*, *sensitive* and *innocuous* instructions.
4. Describe Popek and Goldberg's properties and requirements for the construction of a *true* VMM.
5. The x86 ISA is not virtualizable by Popek and Goldberg rules. Why?