

cloud computing

Date

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- 1) ~~what are the diff~~ levels of virtualization for implementation.
- 2) why does level virtualization is required
What the advantage of os extension.
- 3) Explain the basic concepts of x86-64 architecture.
- 4) differentiate b/w hypervisor & Zen Architecture & also explain control & I/O operation w.r.t to Zen Architecture.
- 5) what is meant by host based virtualization
& explain the same w.r.t para virtualization architecture.
- 6) Briefly describe the hardware support requirement for virtualization with the help of Intel-X-86 processor.
- 7) what is meant by memory virtualization
with an example explain the concept of extended page table while intel for memory virtualization.
- 8) How I/O virtualization can be done illustrate with the neat diagram and an example by taking VM workstation into consideration.
- 9) why is virtual hierarchy requires justify the same using multicore virtualization method.
- 10) differentiate b/w physical & virtual clusters with the help of a neat diagram & explain the concept of virtual clusters based on application partition.
- 11) with the help of a timeline diagram explain the migration of process in a VM from one host to another.