Homework for Week 15 (LAST HW!)
(Due Date: Check Canvas)

1. (variation of [1]) Why is it possible to store the state of a virtual machine on stable storage, while it is nearly impossible to do the same for a native OS?

2. Explain briefly how the hypervisor may get to know that it has to create a new shadow page table when a new process is created in the guest OS?

References

[1] A. Silberschatz, P. Galvin, and G. Gagne, *Applied Operating Systems Concepts*, John Wiley & Sons, Inc., New York, NY, 2000.

[2] Deitel, Deitel, and Choffnes, *Operating Systems*, Pearson / Prentice Hall, 2004.

[3] A. S. Tanenbaum, *Modern Operating Systems*, Pearson / Prentice Hall, 2008.

[4] L. F. Bic, A. C. Shaw, *Operating Systems Principles*, Prentice Hall 2003.

[5] C. Crowley, *Operating Systems, A Design-Oriented Approach*, Irwin 1997.

[6] M. Herlihy, N. Shavit, *The Art of Multiprocessor Programming*, Elsevier, 2008