

Thesis Title	An Improvement of Virtual Machine Checkpointing by Using Live Migration Technique
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Abstract

Virtualization Technology has emerged as a popular technology in computer industry. Many of virtualization software have features to save and restore execution virtual machine state. However, the saving and restoring state usually take a long time. This paper presents a novel checkpointing mechanism that use live migration to promote checkpointing and virtual machine computation overlap, thus reducing the overall checkpointing time. In this research was showed the result of experiment and compare result between traditional checkpointing and new checkpointing. Future work will be discussed the efficient way to use new checkpoint.