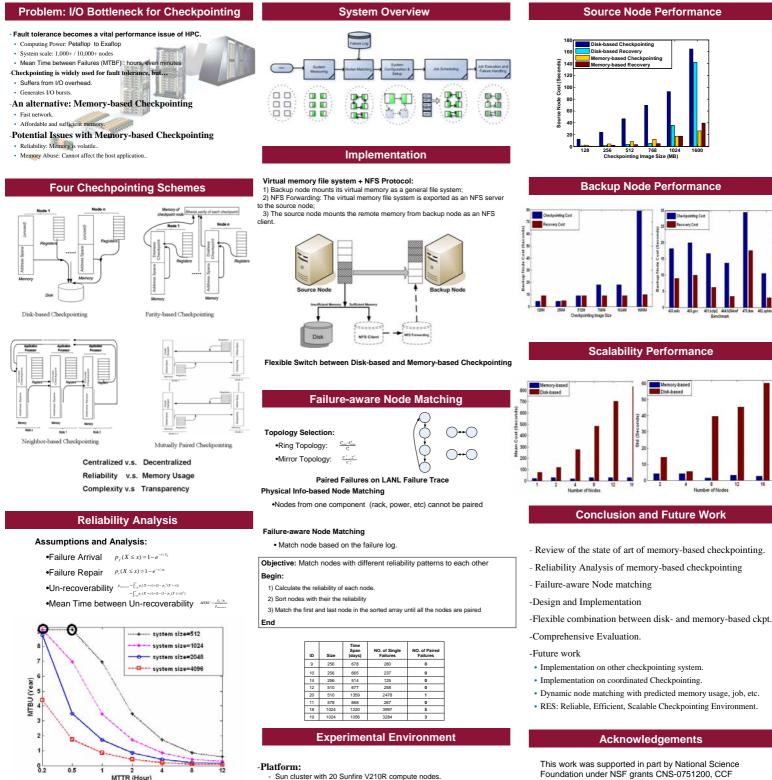




An Implementation and Evaluation of Memory-based Checkpointing

Xian-He Sun Bing Xie Yong Chen Hui Jin Illinois Institute of Technology



- Sun cluster with 20 Sunfire V210R compute nodes
- Each node is equipped with two 1GHz CPUsand 2GB Memory.
- All the compute nodes are connected with a Gigabits Ethernet. The storage is a disk array with six SCSI hard disks.

MTBU with MTTR and System Size (MTBF=7884 Hours)

- -Software:
 - Operation System: SunOS 5.9
 - Checkpointing System: Libckpt
 Application: Matrix Multiplication and CPU2006.

Hui. Jin, Xian-He Sun, Bing Xie and Yong Chen {hjin6,sun,bxie3,chenyon1}@iit.edu

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