

Master Server

DRAM Buffer (LRU)



Flush
(dirty pages and global
checkpoint)

Fetch

Storage (SSD)

DB Files
area

RedoLog
area

UndoLog
area

Original
area

3 Transfer local checkpoint
completion

1 Request local checkpoint to Slave

2 Performing local checkpoint

Slave Server 1

DRAM Buffer (LRU)



Flush
(Local
Checkpoint)

Fetch

Storage (SSD)

RedoLog
area

Slave Server 2

DRAM Buffer (LRU)



Flush
(Local
Checkpoint)

Fetch

Storage (SSD)

RedoLog
area

Slave Server 3

DRAM Buffer (LRU)



Flush
(Local
Checkpoint)

Fetch

Storage (SSD)

RedoLog
area

Slave Server N

DRAM Buffer (LRU)



Flush
(Local
Checkpoint)

Fetch

Storage (SSD)

RedoLog
area