Replacement Procedure #1

Exist

INVALID

Caches

Only DIRTY caches

No INVALID cache

Exist VALID caches

Replacement Procedure #2

Exist INVALID caches

DIRTY

VALID

Others

Locked

1st Read

In Cache

No INVALID caches

Replacement Procedure

Exist INVALID caches

Locked 1st R

DIRTY

VALID

Others

Exist DIRTY

No DIRTY

In Cache

Not In Cache

No INVALID caches