

Key and Root
from CPU

1

**Start B-tree
traversal**

Convert VA to PA

2

**Got PA for B-
tree node**

Covert VA to PA for
(1) Sibling node
(2) Child node
(3) The part of node crosses
the physical page

Fetch the node
by PA

3

**Got the node
and compare
keys**

Find the
matching key

4

**Fill the results
in registers**