

FILE ACCESS METHOD AND APPARATUS, AND STORAGE SYSTEM

ABSTRACT

A file access method and apparatus, and a storage system are provided. The method
5 includes: receiving a file access request from a process, where the file access request includes a
file identifier; accessing a first physical address space according to a preset first virtual address
space and a preset first mapping relationship between the first virtual address space and the first
physical address space, where the first physical address space stores a file system; obtaining an
index node of a target file from the first physical address space according to the file identifier of
10 the target file; obtaining a file page table of the target file according to file page table
information, included in the index node, of the target file, where the file page table records a
second physical address space in the first physical address space, a data page of the target file is
stored in the second physical address space; and accessing the target file according to the second
physical address space. Therefore, software running overheads can be reduced effectively during
15 file access, and a file access speed can be increased.

FIGURE 2