

METHOD FOR IMPROVING RELIABILITY OF STORAGE SYSTEM, AND RELATED APPARATUS

ABSTRACT

A method for improving reliability of a storage system and a related apparatus are provided.

5 The storage system includes a first control device and a second control device. The method includes: receiving, by a target controller, a write request, where the write request includes to-be-written data, and the target controller belongs to the first control device; writing, by the target controller, the to-be-written data into a memory of the target controller; and writing, by the target controller, the to-be-written data into a memory of a mirror controller of the target controller, where
10 at least one mirror controller belongs to the second control device. According to this solution, the to-be-written data may be written and stored across control devices. When a control device is faulty, a host may still access another control device, to ensure that a service is not interrupted. This effectively improves reliability and availability of the storage system.

15 Fig. 4