

Abstract

The present application provides a method, a cluster system, an electronic device for operating a device, and a readable storage medium, involving the technical field of clusters. Sequential data operations on the communication device is implemented through the cooperation between the first cluster and the second cluster. The first nodes in the first cluster compete for the first distributed lock to implement sequential storage of the data operation requests. The second nodes in the second cluster compete for the second distributed lock to obtain the stored data operation requests sequentially, and complete the data operations on the target communication device. Through the mechanism of two distributed locks, when a high concurrency state in which a large number of data operation requests are received occurs in the cluster system, the sequential processing for the large number of data operation requests is implemented through the mutual exclusion nature of the first distributed lock and second distributed lock. It can ensure the sequential processing for the data operation requests, improve the throughput of the first cluster, and both the first cluster and the second cluster can be expanded horizontally, which improves availability and processing capacity of the system.