

ABSTRACT

Provided in the embodiments of the present disclosure are a method for upgrading a virtual manager, and a device and a storage medium. In the embodiments of the present disclosure, during the upgrading of a virtual manager, when a virtual instance state is stored and restored, a memory address of virtual instance state information is transmitted between an original virtual manager and an upgraded new virtual manager. Compared with the way in which virtual instance state information needs to be replicated back and forth between a user-state virtual management process and a kernel-state virtual manager in traditional solutions, the amount of data replicated between the original virtual manager and the new virtual manager is reduced; in addition, time overheads during restoration of the virtual instance state are reduced, helping reduce the downtime of virtual instances caused by updating of the virtual manager.

Fig. 2a