

ABSTRACT

Provided in the embodiments of the present disclosure are a security scanning method for cloud computing, a related device and a storage medium. In the embodiments of the present disclosure, the physical storage space of a virtualization instance supports read and write operations on same by a virtualization manager using a multi-queue read-write mode. On this basis, in addition to creating for the virtualization instance a storage queue required for the read and write operations on the physical storage space, the virtualization manager can also create a shared queue and a shared memory for a security scanning program located outside the virtualization instance, such that the data in the physical storage space of the virtualization instance can be provided, on the basis of the shared queue and the shared memory, for the security scanning program outside the virtualization instance for host security scanning by the security scanning program. On one hand, the method is less susceptible to intrusion interference from an internal process of the virtualization instance, and will not occupy computing resources of the virtualization instance. On the other hand, the method can implement real-time and efficient scanning, and rapidly respond to immediate intrusion behaviors, thus achieving relatively high timeliness.

Fig. 1a