

DPU-BASED REMOTE PROCEDURE CALL METHOD, DEVICE, AND STORAGE MEDIUM

ABSTRACT

Embodiments of the present disclosure provide a DPU-based remote procedure call method, a device, and a storage medium. In a read/write process of remote procedure call based on a DPU, serialization/deserialization, data compression/decompression, and data copying between a user mode and a kernel mode are not required, a large amount of CPU time in the DPU is saved, the forwarding capability of the DPU for serving an upper layer is significantly improved, single-path read/write delay is reduced, the forwarding capability and the throughput capability of a single core can be effectively improved, and a bottleneck problem caused when the CPU capability of the DPU is limited is also effectively avoided.

FIG. 3