

ABSTRACT

Embodiments of the present application provide a method, a device, a system, and a storage medium for message processing. In the embodiments of the present application, a programmable device can provide a message header of a to-be-processed message for a central processing unit (CPU) for processing, and splice the message header processed by the CPU with a payload portion of the to-be-processed message to obtain a target message, so that the payload portion of the message is processed using high performance of hardware of the programmable device, and the message header can be processed using flexibility of software in the CPU to process a complicated transaction logic. Since the message header is relatively short, performance loss in CPU software processing due to long-message copy processing will not occur, thus facilitating improvement of network forwarding performance.

FIG. 1a