

PACKET PROCESSING METHOD AND APPARATUS, AND NETWORK DEVICE AND MEDIUM

Abstract

Examples of the present disclosure provide a method, an apparatus for processing a packet, a network device, and a medium, which relate to the technical field of communications. The method is applied to a head node in a SRv6 network, comprising: generating a first SRv6 OAM packet, wherein a source address in the first SRv6 OAM packet comprises a network segment, a host segment, and a slice segment that comprises a slice identifier; sending the first SRv6 OAM packet to a destination node, so that if the destination node, after receiving the first SRv6 OAM packet, determines according to the network segment and the host segment that the source address in the first SRv6 OAM packet belongs to a specified slice network segment, the destination node clears the slice segment in the source address, uses the source address whose slice segment has been cleared as a destination address of a second SRv6 OAM packet, and sends the second SRv6 OAM packet to the head node; receiving the second SRv6 OAM packet; and if the destination address is the same as a host address of the head node, delivering the second SRv6 OAM packet up to a control plane. Thus, the second SRv6 OAM packet can be correctly delivered up to the control plane.

<Fig. 4>