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(54) Title: PACKET FORWARDING METHOD, APPARATUS, NETWORK DEVICE AND STORAGE MEDIUM

(54) 发明名称: 一种报文转发方法、装置、网络设备及存储介质

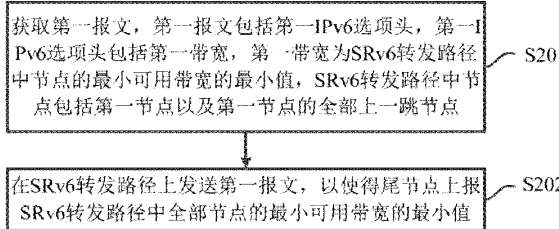


图 2

- S201 Acquire a first packet, the first packet comprising a first IPv6 option header, the first IPv6 option header comprising a first bandwidth, the first bandwidth being the minimum value of the minimum available bandwidth of nodes in an SRv6 forwarding path, and the nodes in the SRv6 forwarding path comprising a first node and all of previous-hop nodes of the first node
- S202 Send the first packet on the SRv6 forwarding path, such that a tail node reports the minimum value of the minimum available bandwidth of all of the nodes in the SRv6 forwarding path

(57) Abstract: The present application relates to the technical field of communications. Provided in the embodiments are a packet forwarding method, an apparatus, a network device and a storage medium. The method comprises: acquiring a first packet, the first packet comprising a first IPv6 option header, the first IPv6 option header comprising a first bandwidth, the first bandwidth being the minimum value of the minimum available bandwidth of nodes in an SRv6 forwarding path, and the nodes in the SRv6 forwarding path comprising a first node and all of previous-hop nodes of the first node; and sending the first packet on the SRv6 forwarding path, such

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that a tail node reports the minimum value of the minimum available bandwidth of all of the nodes in the SRv6 forwarding path. The packet loss problem caused by not being able to sense the minimum available bandwidth of the SRv6 forwarding path can be avoided.

(57) 摘要: 本申请实施例提供一种报文转发方法、装置、网络设备及存储介质, 涉及通信技术领域。该方法包括: 获取第一报文, 第一报文包括第一IPv6选项头, 第一IPv6选项头包括第一带宽, 第一带宽为SRv6转发路径中节点的最小可用带宽的最小值, SRv6转发路径中节点包括第一节点以及第一节点的全部上一跳节点; 在SRv6转发路径上发送第一报文, 以使得尾节点上报SRv6转发路径中全部节点的最小可用带宽的最小值。能够避免因无法感知到SRv6转发路径的最小可用带宽而导致的丢包问题。