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(54) **ROUTE ADVERTISEMENT METHOD, NETWORK DEVICE, AND COMPUTER STORAGE MEDIUM**

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(57) **ABSTRACT**

A route advertisement method, a network device, and a computer storage medium are provided, and pertain to the field of communication technologies. According to this application, an EVPN SRv6 route advertisement packet is extended to carry pseudo-wire identification information of an L2VPN PW between a first network device and a second network device, to help find, based on the pseudo-wire identification information, a forwarding entry associated with the L2VPN PW, and further process the forwarding entry associated with the L2VPN PW, thereby evolving an MPLS forwarding-based L2VPN VPWS into an SRv6 forwarding-based EVPN VPWS, or evolving an MPLS forwarding-based L2VPN VPLS into an SRv6 forwarding-based EVPN VPLS. In addition, the MPLS forwarding-based L2VPN VPWS or VPLS can be evolved into another type of EVPN SRv6 network.