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(54) COMMUNICATION SYSTEM, CONTROLLER, COMPUTER-READABLE STORAGE MEDIUM, AND INFORMATION PROCESSING METHOD

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(57)ABSTRACT

Provided is a communication system including: a controller; and an SR gateway which converts an SRv6-compliant packet received from an IP network into a GTP-U-compliant packet. The SR gateway includes a notification unit which notifies the controller, and a router connected to an IP network, of a route including an IP prefix including an address of a reachable gNB in NLRI and an SID of the SR gateway in a BGP attribute, and the controller includes a storage unit which stores an IP prefix including the address of the gNB, and a SID of the SR gateway, in association with each other, and an advertisement unit which searches the storage unit by using, as a key, an address of a gNB included in a UE session information in SMF notified when UE is attached, and when a match is found, advertises route information of the UE to the router.

