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ABSTRACT

MOBILE NODE, MOBILE COMMUNICATION SYSTEM, AND COMMUNICATION CONTROL PROGRAM

In a state I, a link layer of a mobile host is connected to an access router and a default router is set to the access router such that data packets (P1) and (P2) reach the access router and are routed to a correspondent host. In states II and III, data packets (P3) to (P8) are not transmitted but are buffered. When the mobile host switches the default router from the access router to an access router upon reception of a router advertisement from the access router, processing moves to a state IV and the buffered data packets (P3) to (P8) are transmitted. Since the link layer of the mobile host is connected to the access router and the default router is set to the access router, the data packets (P3) to (P8) reach the access router and are routed to the correspondent host.

FIGURE 3