

ABSTRACT

A mobile network control apparatus capable of improving transmission efficiency without giving any processing loads to nodes of a mobile network. In mobile routers 121, 131, 132 to which the present apparatus is applied, a tunnel failure detection unit 204 detects a failure of packet tunneling executed using an interface 205-1 of the mobile routers 121, 131, 132. A multi-homing detection unit 202 searches for interfaces 205-A, 205-B having a connection route to a global network 101 out of an interface 205 of the mobile routers 121, 131, 132 according to the detected failure of packet tunneling. A bidirectional tunneling unit 203 executes packet tunneling using the searched interfaces 205-A, 205-B instead of the interface 205-1.