

COMMUNICATION SYSTEM, POLICY MANAGEMENT APPARATUS, COMMUNICATION METHOD, AND PROGRAM

ABSTRACT

5 Authentication apparatus authenticates user using host
connected to forwarding node. Policy management apparatus holds
access control policy for identifying host under access control using
identifier of forwarding node or identifier of user, and links identifier
of host under access control and identifier of forwarding node to
10 which host is connected, or identifier of host under access control and
identifier of user using host. Forwarding node transmits to policy
management apparatus identifier of host connected to own forwarding
node and identifier of own forwarding node. Authentication apparatus
transmits to policy management apparatus identifier of host connected
15 to forwarding node and identifier of user. Policy management
apparatus refers to access control policy and, if host connected to
forwarding node is under access control, notifies content of access
control to control apparatus as access control list. Control apparatus
generates processing rule in accordance with access control list and
20 sets generated processing rule in forwarding nodes.

Figure 1