

【ABSTRACT】

According to the present disclosure, an access control method in a network including a plurality of in-home terminals located in different units may include: transmitting address resolution protocol (ARP) request packets to the plurality of in-home terminals; analyzing first ARP response packets received in response to the ARP request packets to acquire address information of the plurality of in-home terminals; generating second ARP response packets in which a media access control (MAC) address is modified; and modifying the MAC address of each in-home terminal in an ARP table of the plurality of in-home terminals by transmitting the second ARP response packets to the plurality of in-home terminals. The second ARP response packet may be an ARP response packet that includes an IP address of the in-home terminal whose MAC address is to be modulated in each ARP table and the modulated MAC address as source address information, and the modulated MAC address may be an uncommunicable MAC address.