NAME RESOLUTION SERVER AND PACKET TRANSFER DEVICE

ABSTRACT

The DNS server according to the present invention includes a user information identification unit which identifies an attribute of a user who has transmitted a DNS query message through a user information obtaining unit and handing over an identification result to a response generation unit, a user information obtaining unit for referring to a user information database to obtain user attribute information of a user who has transmitted a DNS query message, and a response generation unit for searching a response database for a name resolution method relevant to user attribute information handed over from the user information identification unit to conduct name resolution according to the found name resolution method, thereby enabling name resolution to be minutely customized for each attribute of a user.

FIG. 1