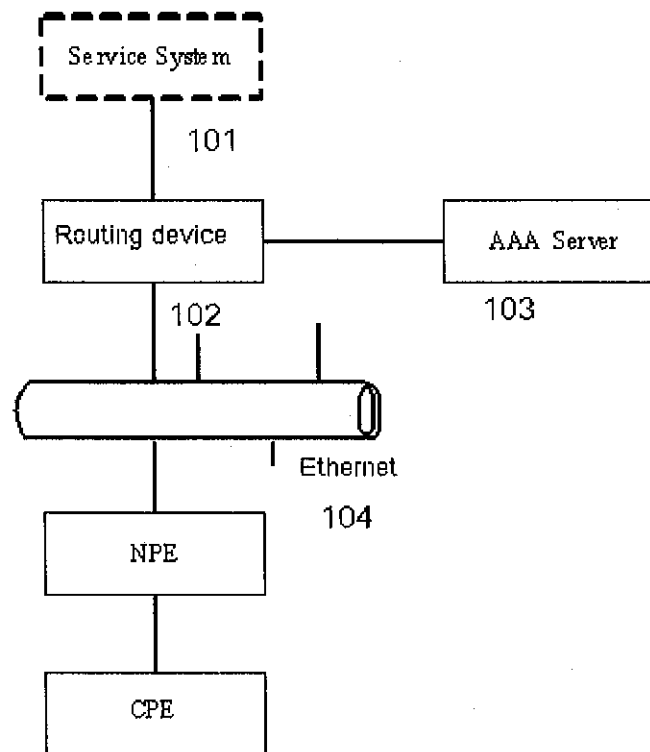


A service and user integration management method and system utilizing the Ethernet layer 2 extension technology are provided by the present invention, and can be used in the scenarios of service operation management, user access authentication, service usage and the like in the metropolitan area, wide area or local area Ethernet. The features of the Ethernet layer 2 extension technology are utilized sufficiently by the present invention, so that the relevant fields in the message format of the Ethernet layer 2 extension technology are mapped to the service and user; in view of the one or more fields defined in the message of the Ethernet layer 2 extension technology which are not used entirely or have been used as a single field at present, the one or more fields are matched to a service identifier and a user identifier by re-arranging and defining every binary bit in the single field, or by using several fields jointly, or by using the remainder value space which is not used entirely; and additionally by the operations of request service, service state update, quit service and the like, the problem of the service and user integration management is solved. The present invention has the advantages that the service identification efficiency is high, it is difficult to be fabricated, the traffic isolation is strong and so on.



101 service system
102 routing device
103 AAA Server
104 Ethernet