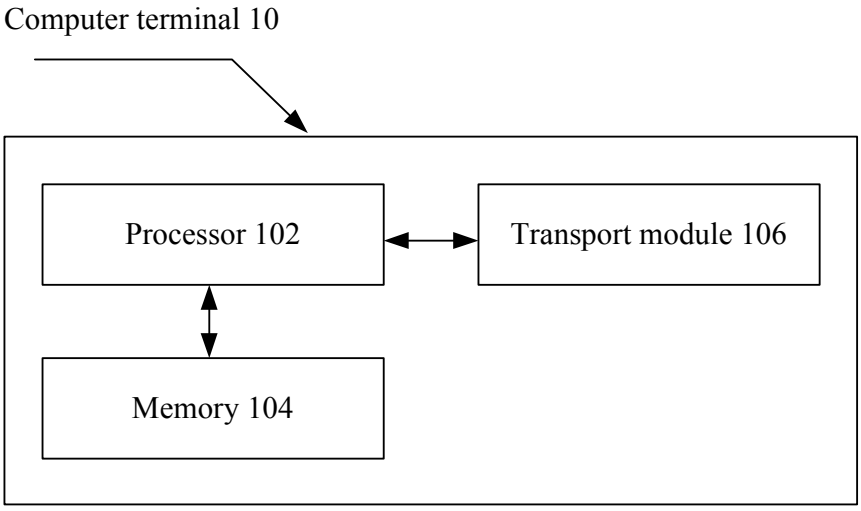
Computer terminal 10
Processor 102
Transport module 106
Memory 104

FIG. 1

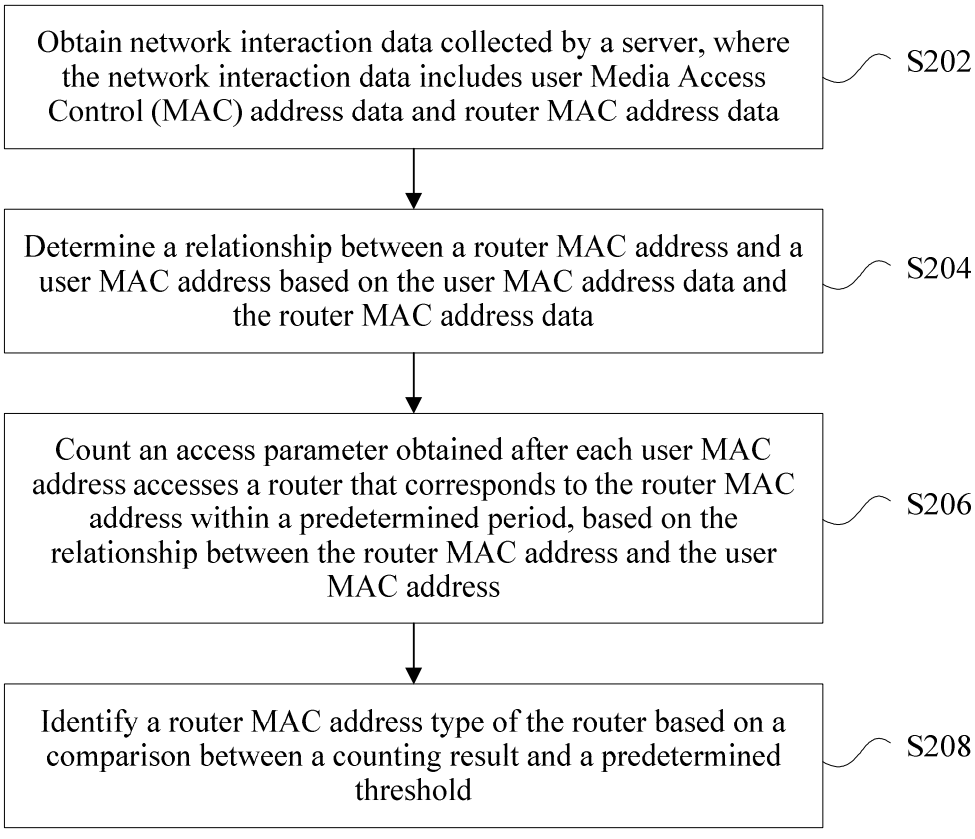
Obtain network interaction data collected by a server, where the network interaction data includes user Media Access Control (MAC) address data and router MAC address data
S202
Determine a relationship between a router MAC address and a user MAC address based on the user MAC address data and the router MAC address data
S204
Count an access parameter obtained after each user MAC address accesses a router that corresponds to the router MAC address within a predetermined period, based on the relationship between the router MAC address and the user MAC address
S206
Identify a router MAC address type of the router based on a comparison between a counting result and a predetermined threshold
S208

FIG. 2

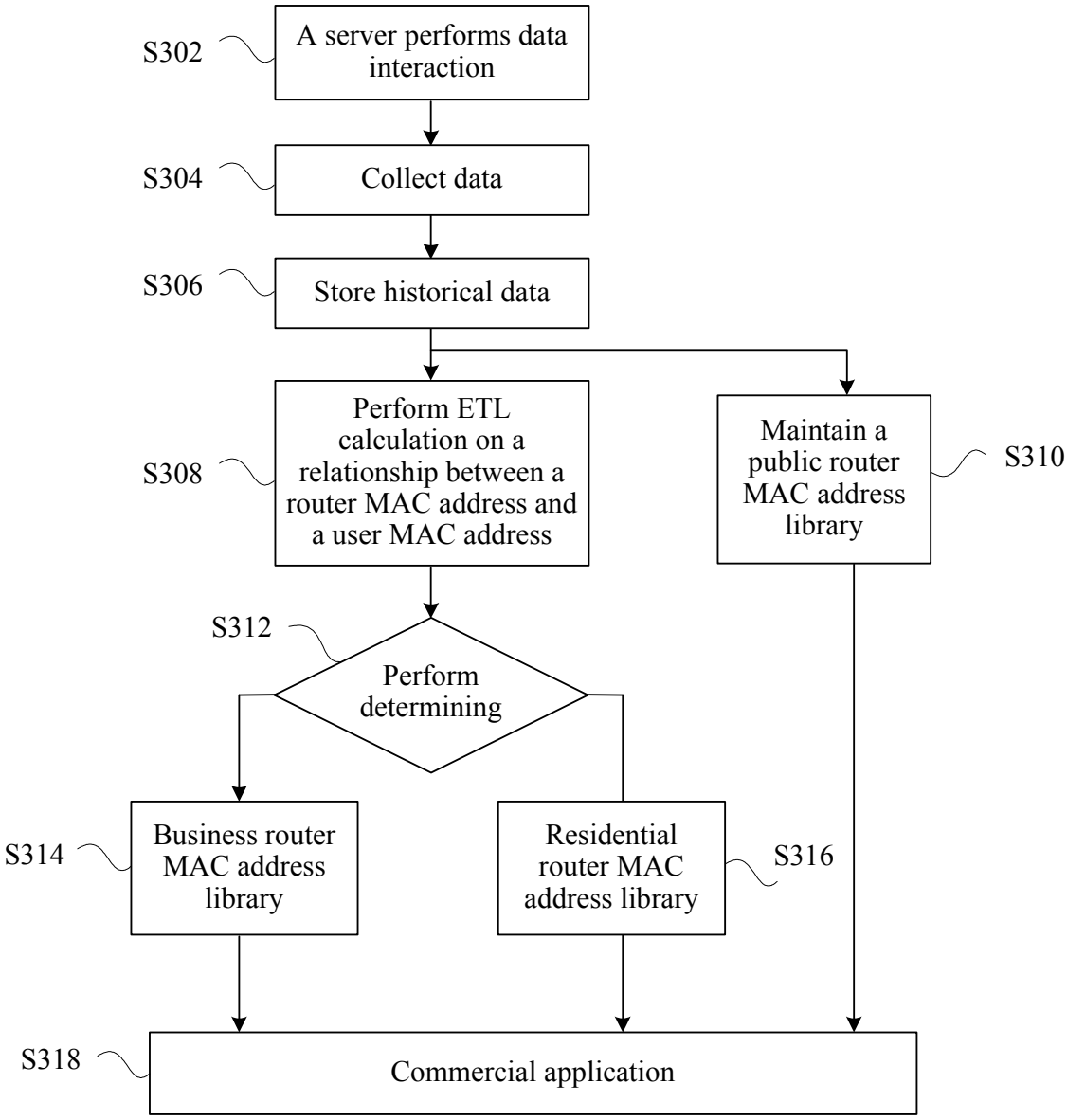
S302
A server performs data interaction
S304
Collect data
S306
Store historical data
S308
Perform ETL calculation on a relationship between a router MAC address and a user MAC address
S310
Maintain a public router MAC address library
S312
Perform determining
S314
Business router MAC address library
S316
Residential router MAC address library
S318
Commercial application

FIG. 3

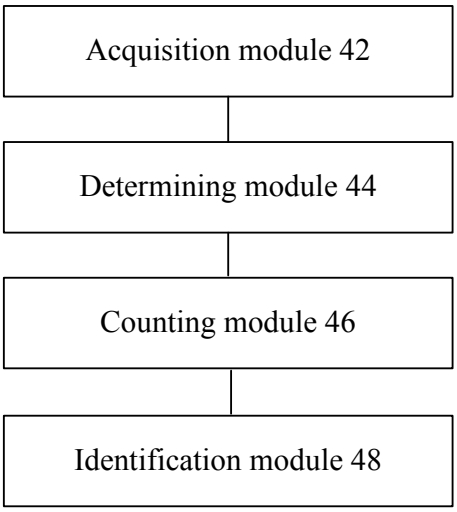
Acquisition module 42
Determining module 44
Counting module 46
Identification module 48

FIG. 4

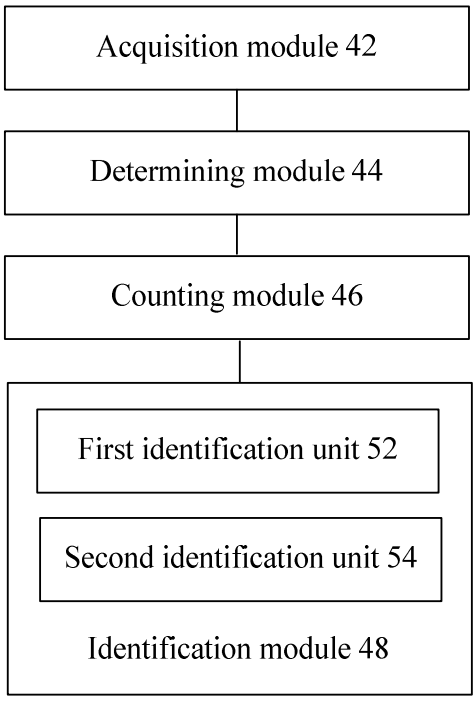
Acquisition module 42
Determining module 44
Counting module 46
First identification unit 52
Second identification unit 54
Identification module 48

FIG. 5

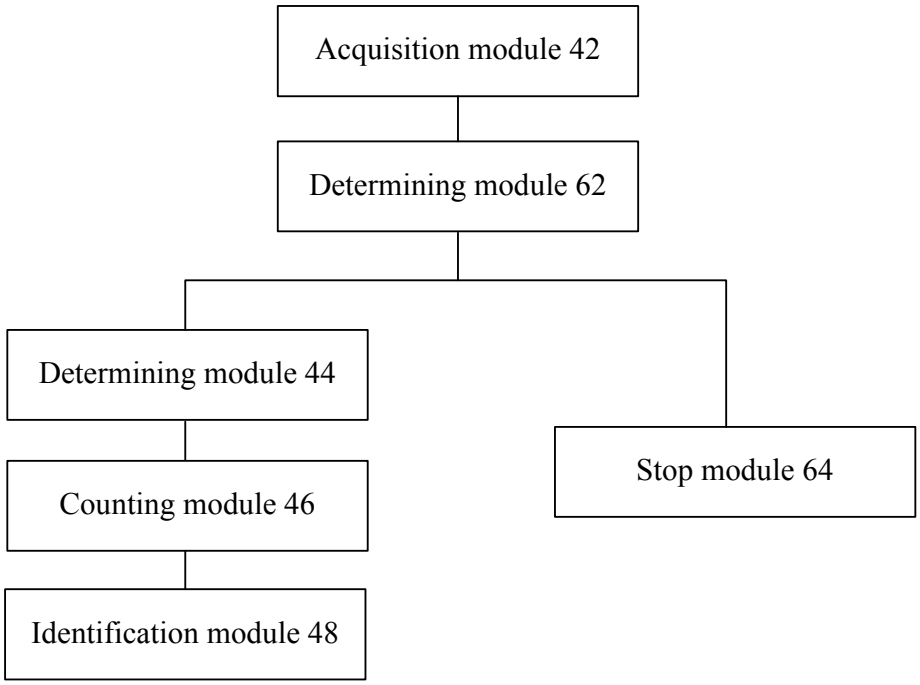
Acquisition module 42
Determining module 62
Determining module 44
Stop module 64
Counting module 46
Identification module 48

FIG. 6

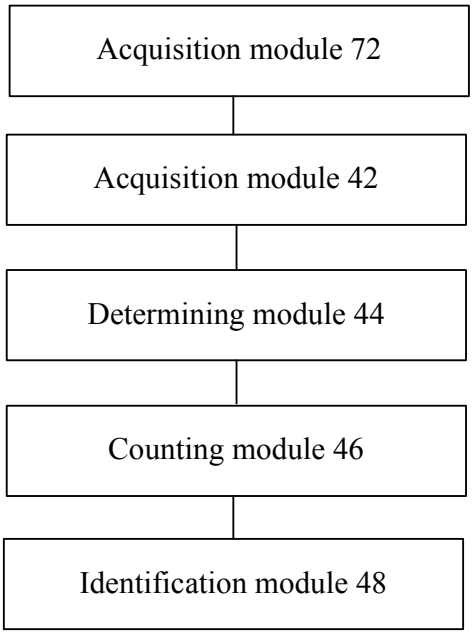
Acquisition module 72
Acquisition module 42
Determining module 44
Counting module 46
Identification module 48

FIG. 7

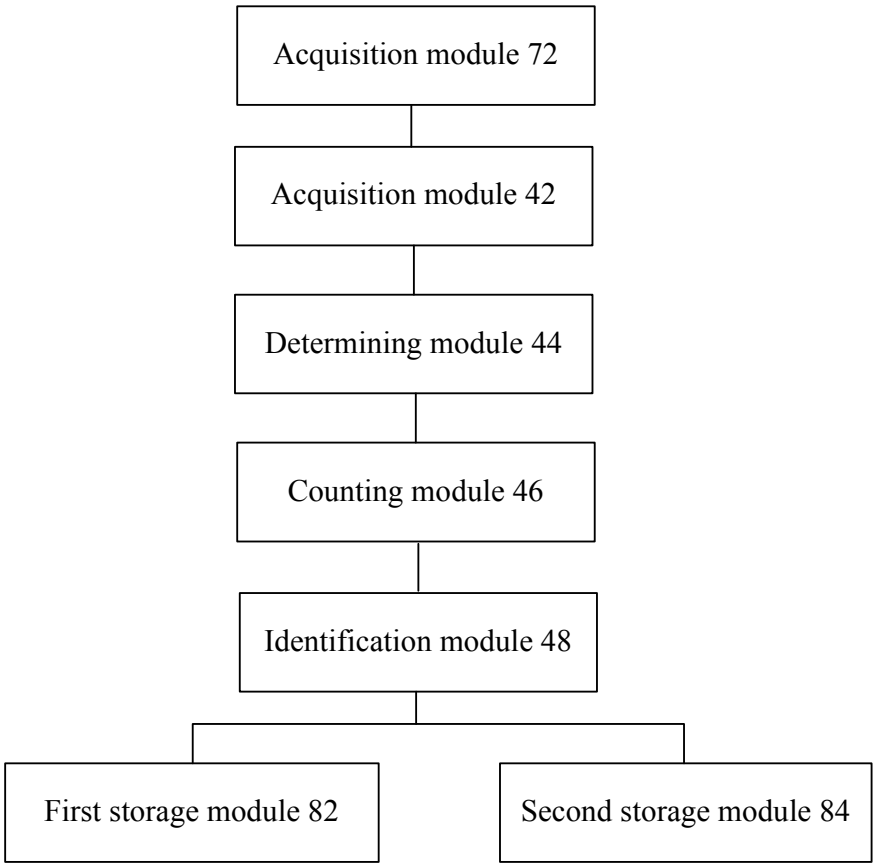
Acquisition module 72
Acquisition module 42
Determining module 44
Counting module 46
Identification module 48
First storage module 82
Second storage module 84

FIG. 8

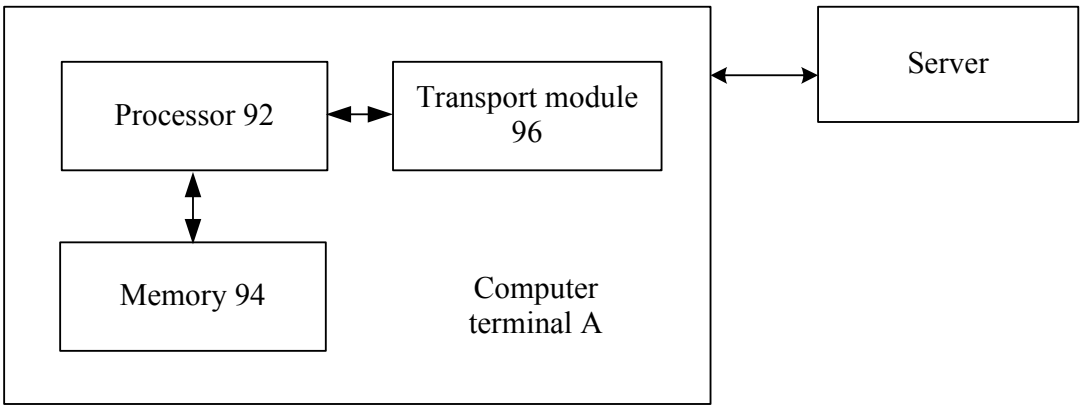
Server
Processor 92
Transport module 96
Memory 94
Computer terminal A

FIG. 9