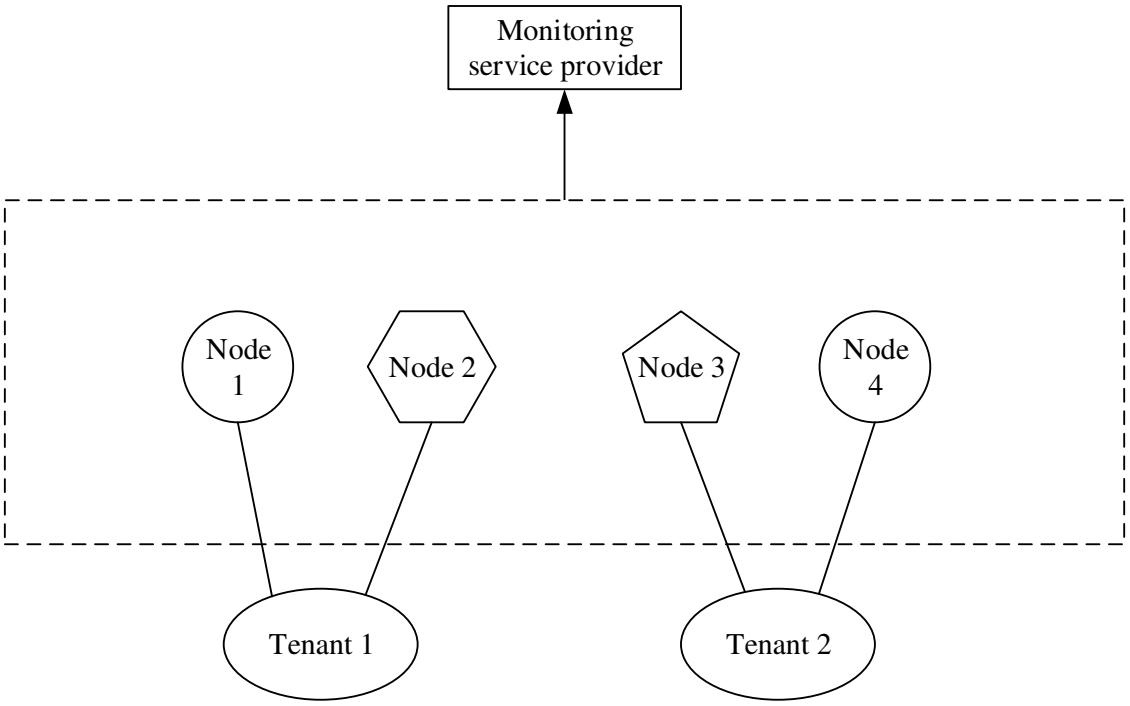

Monitoring service provider
Node 1
Node 2
Node 3
Node 4
Tenant 1
Tenant 2

FIG. 1

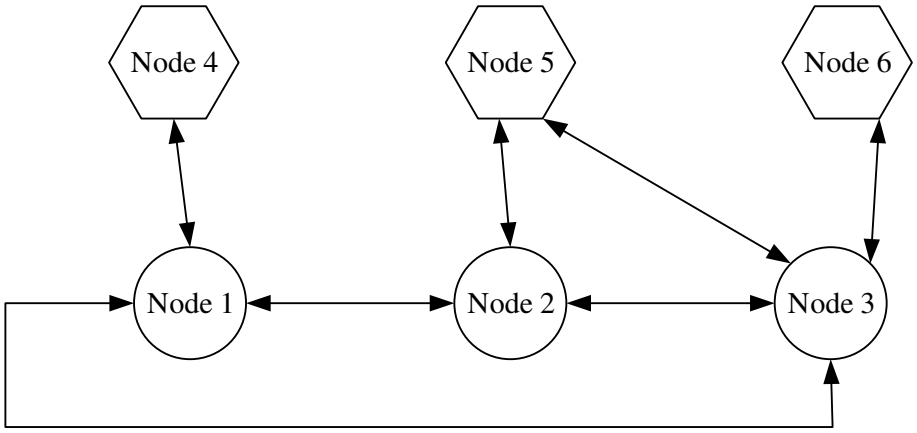

Node 4
Node 5
Node 6
Node 1
Node 2
Node 3

FIG. 2

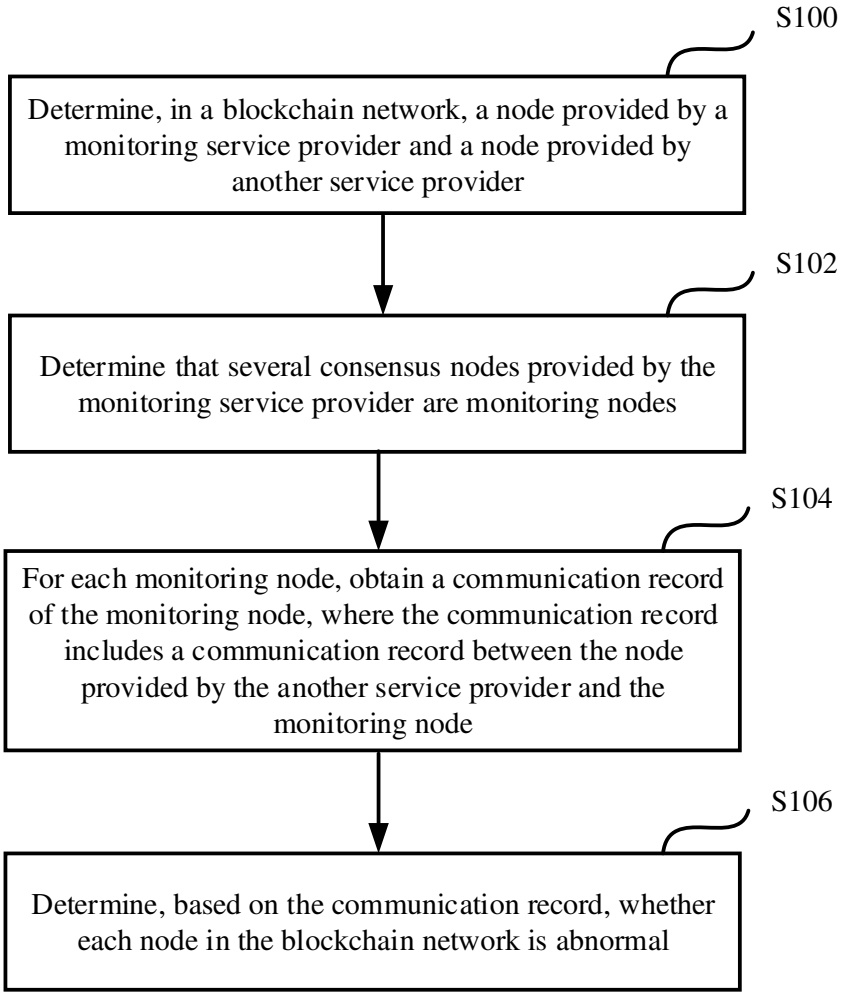

S100
Determine, in a blockchain network, a node provided by a monitoring service provider and a node provided by another service provider
S102
Determine that several consensus nodes provided by the monitoring service provider are monitoring nodes
S104
For each monitoring node, obtain a communication record of the monitoring node, where the communication record includes a communication record between the node provided by the another service provider and the monitoring node
S106
Determine, based on the communication record, whether each node in the blockchain network is abnormal

FIG. 3

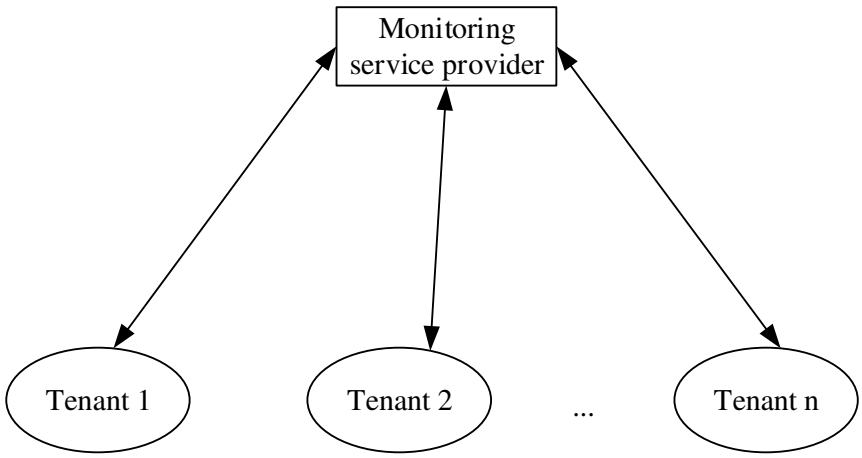

Monitoring service provider
Tenant 1
Tenant 2
...
Tenant n

FIG. 4

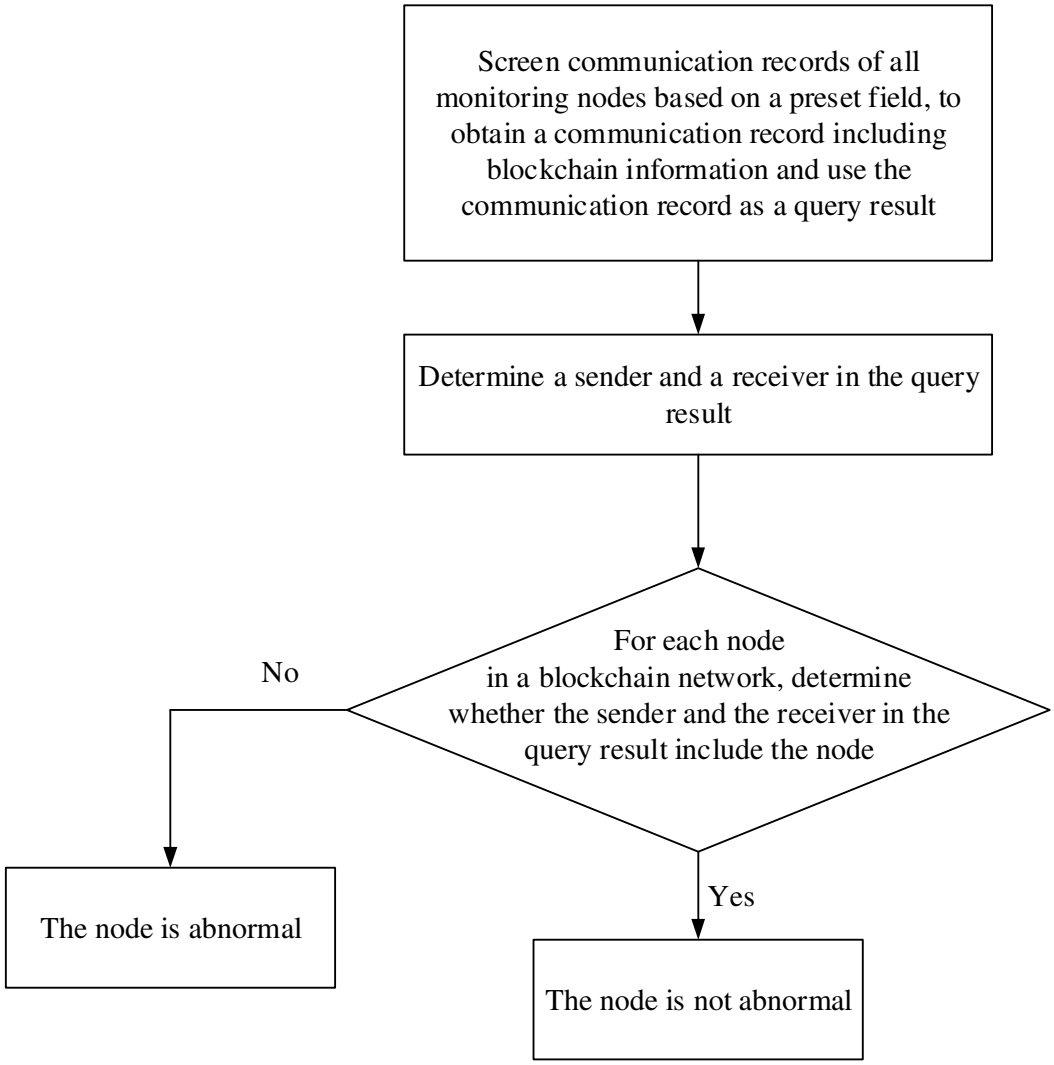

Screen communication records of all monitoring nodes based on a preset field, to obtain a communication record including blockchain information and use the communication record as a query result
Determine a sender and a receiver in the query result
For each node in a blockchain network, determine whether the sender and the receiver in the query result include the node
No
Yes
The node is abnormal
The node is not abnormal

FIG. 5

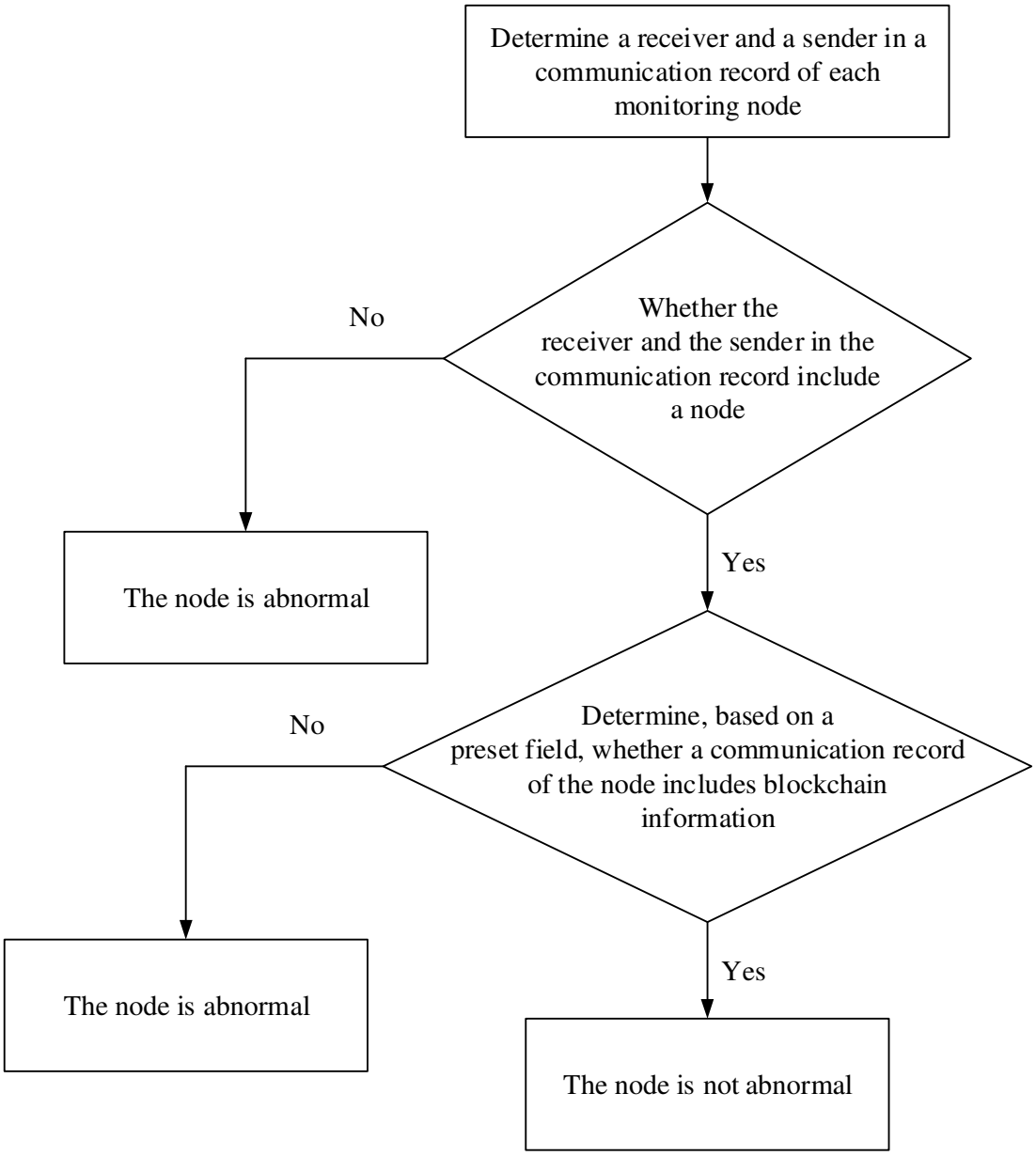

Determine a receiver and a sender in a communication record of each monitoring node
Whether the receiver and the sender in the communication record include a node
No
The node is abnormal
Yes
Determine, based on a preset field, whether a communication record of the node includes blockchain information
No
The node is abnormal
Yes
The node is not abnormal

FIG. 6

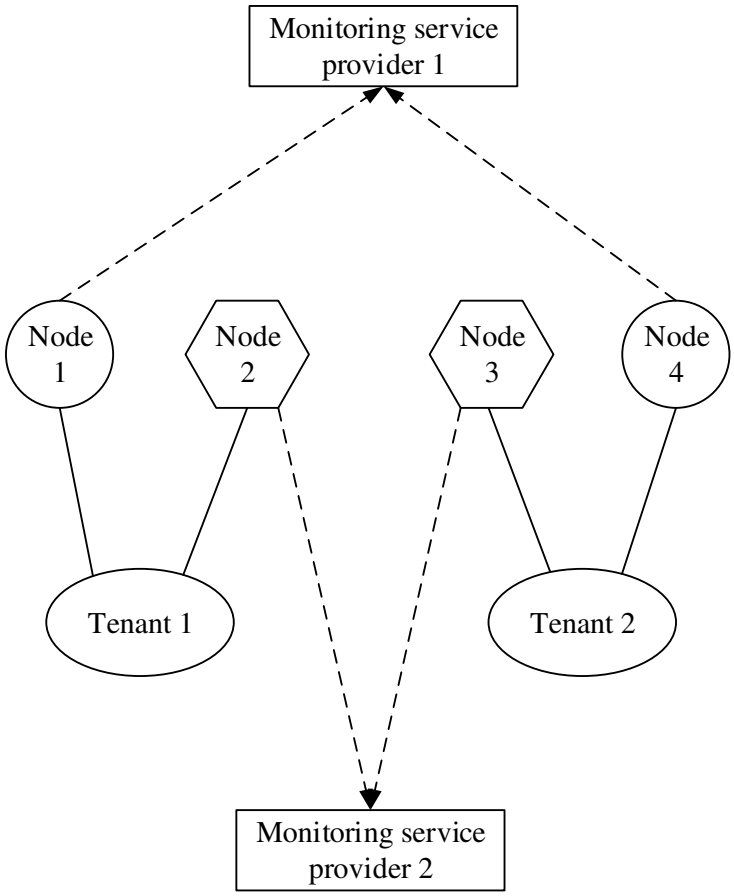

Monitoring service provider 1
Node 1
Node 2
Node 3
Node 4
Tenant 1
Tenant 2
Monitoring service provider 2

FIG. 7

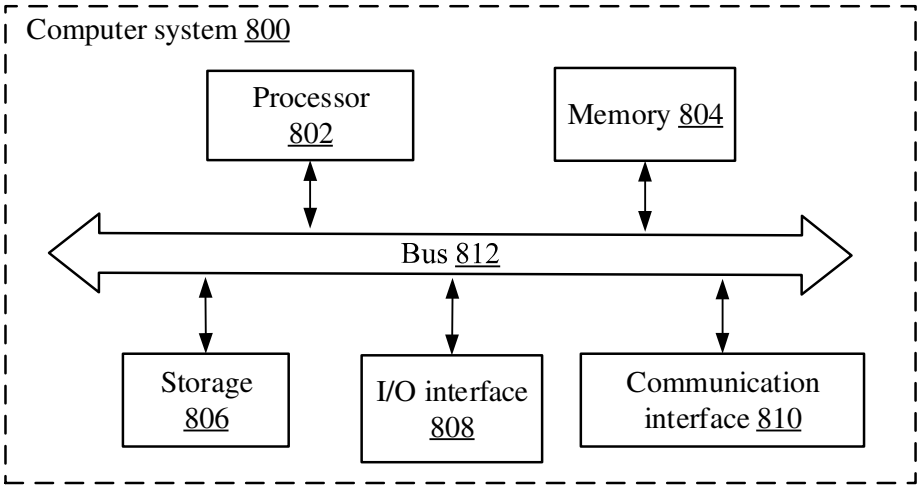

Computer system 800
Processor 802
Memory 804
Bus 812
Storage 806
I/O interface 808
Communication interface 810

FIG. 8