

ROUTE DETERMINING METHOD, AND CORRESPONDING APPARATUS AND SYSTEM

ABSTRACT

The present invention discloses a route determining method, and a corresponding
5 apparatus and system, so as to resolve a prior-art problem that it is difficult to
implement service node load balancing efficiently and flexibly. The method includes:
receiving a first flow entry, where the first flow entry includes a first route mapping
relationship of a packet of a first type of service flow and a first load proportion of
each service node; receiving a second flow entry, where the second flow entry
10 includes a second route mapping relationship of the first type of service flow, a
second load proportion of each service node, and a start time of the second flow entry;
receiving a first packet of a first service flow; determining, according to a service
chain identifier included in the first packet, that the first service flow is a first type of
service flow; determining whether a time corresponding to a timestamp precedes the
15 start time of the second flow entry; and if the time corresponding to the timestamp
precedes the start time of the second flow entry, determining, according to the first
flow entry, a service node for receiving the first packet; or if the time corresponding to
the timestamp does not precede the start time of the second flow entry, determining,
according to the second flow entry, a service node for receiving the first packet.

20

Figure 2