

Abstract

A method and apparatus for acquiring an upper limit of delay compensation, and a forwarding node. The method comprises: a first node sending a request packet to a second node by means of a first path in a target path group, and acquiring a first time point at which the first node sends the request packet; by means of each path in the target path group, respectively receiving response packets sent by the second node, and constructing metadata corresponding to each response packet, wherein the metadata comprises a second time point of receiving the response packet, a request delay and a response delay; on the basis of the first time point, the request delays, the second time point corresponding to each path, and the response delay corresponding to each path, determining a line delay corresponding to each path; and calculating a difference between a reference delay corresponding to the target path group and the line delay corresponding to each path, so as to obtain an upper limit of delay compensation corresponding to each path. The technical solution provided in embodiments of the present application can reduce the jitter of end-to-end services, ensuring the deterministic transmission of the end-to-end services.

Figure 2