

ABSTRACT

Embodiments of this application provide a communication method and an apparatus. According to this application, a centralized user configuration function sends first latency information to a centralized network configuration function, so that the centralized network configuration function can obtain, based on the first latency information, an allowed maximum latency of a transmit end of a TSN stream, and determine, based on the maximum latency, a packet transmission time that meets a latency requirement. In addition, because the maximum latency does not exceed a difference obtained by subtracting buffer duration from a CN PDB, even if the transmit end of the TSN stream does not immediately send a data frame but buffers the data frame for a period of time after receiving the data frame, a maximum transmission latency of the data frame between the transmit end and the receive end that are of the TSN stream is equal to a sum of the allowed maximum latency of the TSN stream and the buffer duration. In other words, a transmission latency of the data frame between the transmit end and the receive end that are of the TSN stream does not exceed the CN PDB. In this case, an end-to-end latency between a terminal device and a user plane network element can be met.