DEPLOYING SHADOW BUFFER IN CONTEXT OF CLOCK-SYNCHRONIZED EDGE-BASED NETWORK FUNCTIONS

ABSTRACT

A regular buffer and a shadow buffer are maintained at a receiver host. Responsive to receiving a data flow from a sender host that is clock-synchronized with the receiver host using a common reference clock, a first indication of data of the data flow is stored to the regular buffer, the shadow buffer is transitioned from an idle state to an active state, and a counter of the shadow buffer is incremented that indicates a unit of data traffic received.

FIG. 9