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(54) Title: ISOLATING TIME SYNCHRONIZATION TRAFFIC USING VIRTUALIZATION

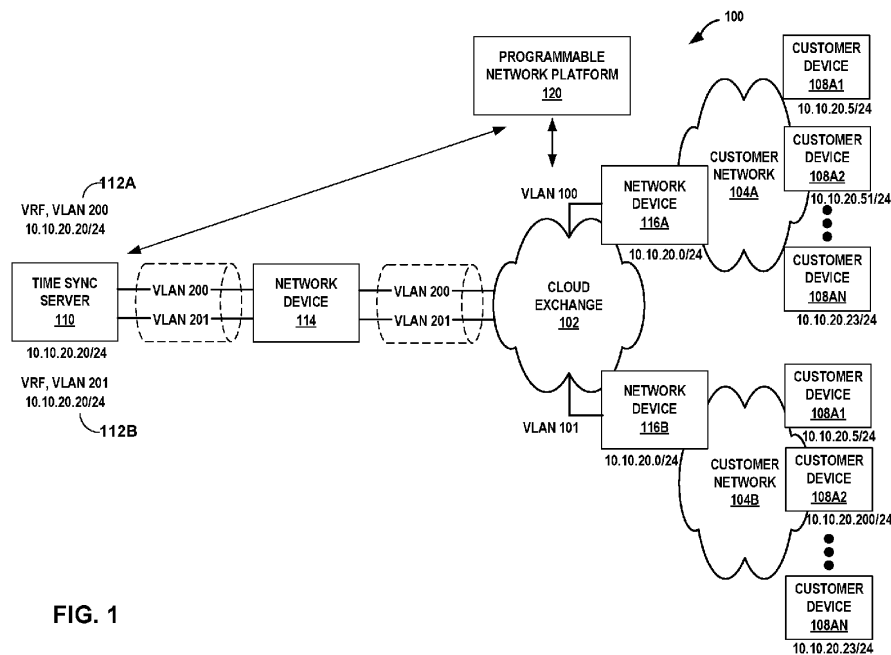


FIG. 1

(57) Abstract: This disclosure describes techniques for providing customer isolation of time synchronization traffic using virtualization. For example, a method includes receiving, by a computing device, an Internet protocol (IP) address of a customer network of a plurality of customer networks connected to a cloud exchange executed by the computing device; configuring, by the computing device, a time synchronization server connected to the cloud exchange with a Virtualized Local Area Network (VLAN) associated with the IP address of the customer network, the time synchronization server comprising a plurality of instances that provide a time synchronization service; and configuring, by the computing device, the time synchronization server with a Virtual Routing and Forwarding (VRF) or network namespace for the VLAN, wherein the VRF or network namespace includes a route to send time synchronization traffic between the customer network and a particular instance of the plurality of instances that provide the time synchronization service.

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