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- (54) **Title:** VIRTUAL GATEWAYS IN A CLOUD EXCHANGE

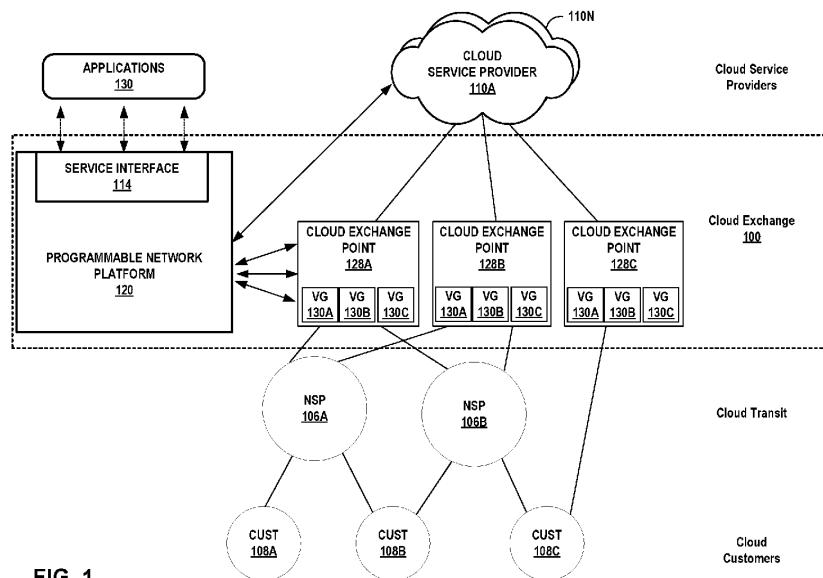


FIG. 1

- (57) **Abstract:** In an example, a system includes a first cloud exchange network for a first cloud exchange, the first cloud exchange network located within a first data center and configured with a first dedicated virtual gateway, the first dedicated virtual gateway configured to interface with a first virtual connector to a customer network, with a second virtual connector to a first cloud service provider (CSP) network, and with a third virtual connector to a second CSP network. Network traffic among the customer network, the first CSP network, and the second CSP network is routed through the first dedicated virtual gateway. The first dedicated virtual gateway dynamically polices the network traffic based on an aggregate bandwidth subscription configured in the first cloud exchange network that limits a total bandwidth that may be used over the first cloud exchange network between the customer network, the first CSP network, and the second CSP network.

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