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(54) **DYNAMIC TRAFFIC PRIORITIZATION ACROSS DATA CENTERS**

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(57) **ABSTRACT**

The disclosure provides an approach for processing communications between connected data centers. Embodiments include receiving, at a first gateway of a first data center from a second gateway of a second data center, one or more policies associated with traffic attributes. Embodiments include programming priority routes between the first gateway and the second gateway over a virtual private network (VPN) tunnel based on the one or more policies, wherein each of the priority routes is associated with a traffic attribute of the traffic attributes. Embodiments include providing the one or more policies to a central controller of the first data center and programming, by the central controller, one or more tables associated with a centrally-managed virtual switch based on the one or more policies. Embodiments include updating a database associated with each of a plurality of hosts based on the programming of the one or more tables.

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