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(54) **MULTICAST TRACING IN HYBRID NETWORKS**

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(57)

**ABSTRACT**

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Disclosed are systems, apparatuses, methods, and computer-readable media for tracing multicast paths in hybrid networks. A method for tracing multicast paths in hybrid networks includes intercepting, by an edge device, a first multicast trace request transmitted by a first network device that a source device is connected to for tracing a route between the source device to a receiver device, wherein the first network device receives a message from a multicast tracing client to trace a multicast path from the receiver device to the source device; generating a second multicast trace request based on the format for the core network using information from the first multicast trace request; and transmitting the second multicast trace request from an edge network device to the receiver device using the core network, the second multicast trace request including network information related to network performance between the first network device and the edge network device

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