Environment:
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    Cisco IOS XRv 9000 platform

Topology:
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            PE──RR───TGN

        – TGN pumps 2M CAR routes
        – RR reflects the 2M routes to PE

Test Methodology:
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    Few Iterations of shut the session between PE and RR
followed by unshut that results in all 2M routes being
learnt by PE.
    Test is performed for plausible/practical update
packing in actual deployments i.e.7/8 prefixes share set of
attributes.

     Test following cases
        – AFI=IPv4 with label TLV and label index TLV. To
simulate the real deployment, test introduces entropy of
attributes i.e. 7 routes share set of attributes.
        – AFI=IPv6 with SRv6 SID (Example does not use
summarization).

TEST RESULTS:

AFI=IPv4

Iteration	Number of colors	Number of endpoints	Total NLRIs=2M	Update messages	Transmit time
1	5	400000	2M	268586	21 secs

2	5	400000	2M	268586	19 secs
3	5	400000	2M	268586	27 secs
4	5	400000	2M	268586	26 secs
5	5	4000000	2M	268586	25 secs

AFI=IPv6

Iteration	Number of colors	Number of endpoints	Total NLRIs=2M	Update messages	Transmit time
1	5	400000	2M	268586	23 secs
2	5	400000	2M	268586	24 secs
3	5	400000	2M	268586	22 secs
4	5	400000	2M	268586	27 secs
5	5	4000000	2M	268586	25 secs