facebook

Atale of two labels

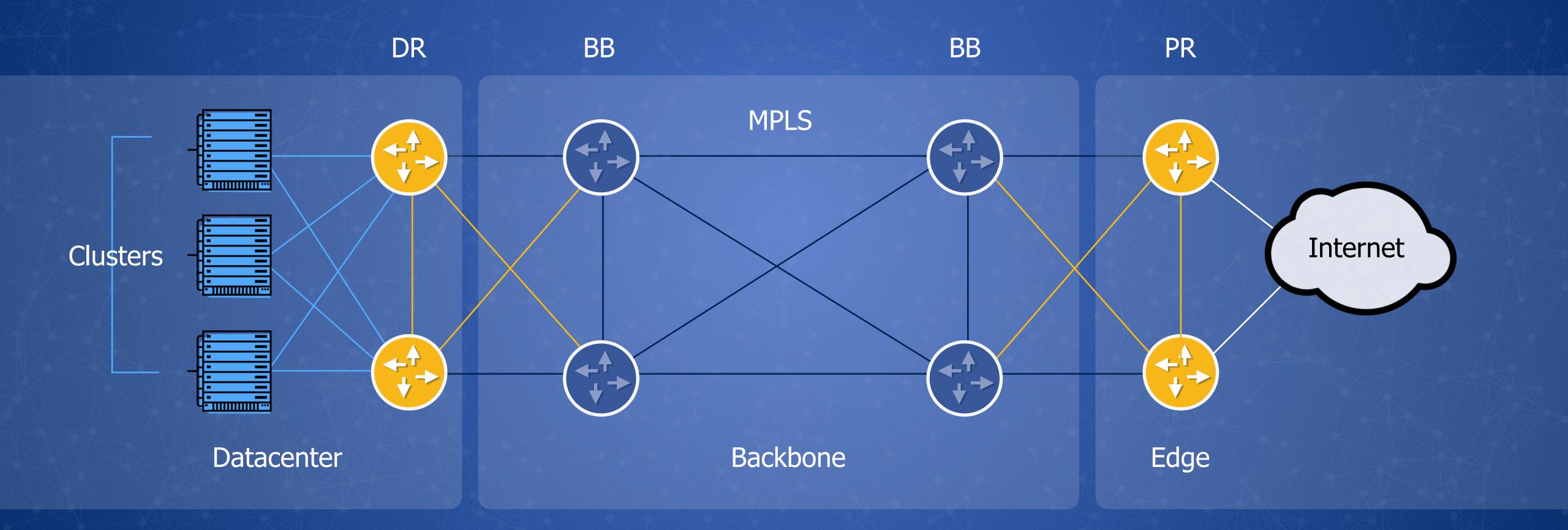


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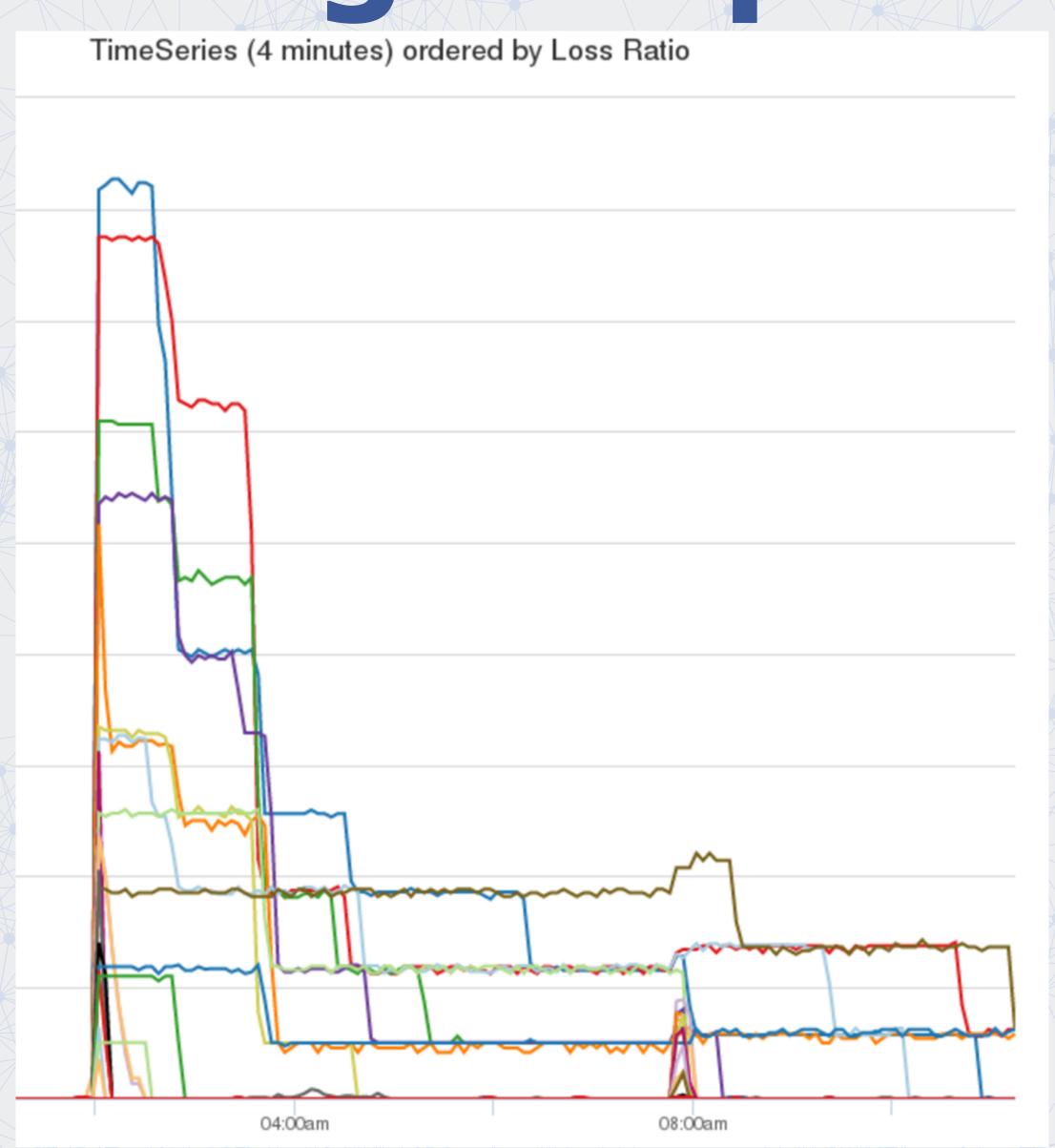


Topology





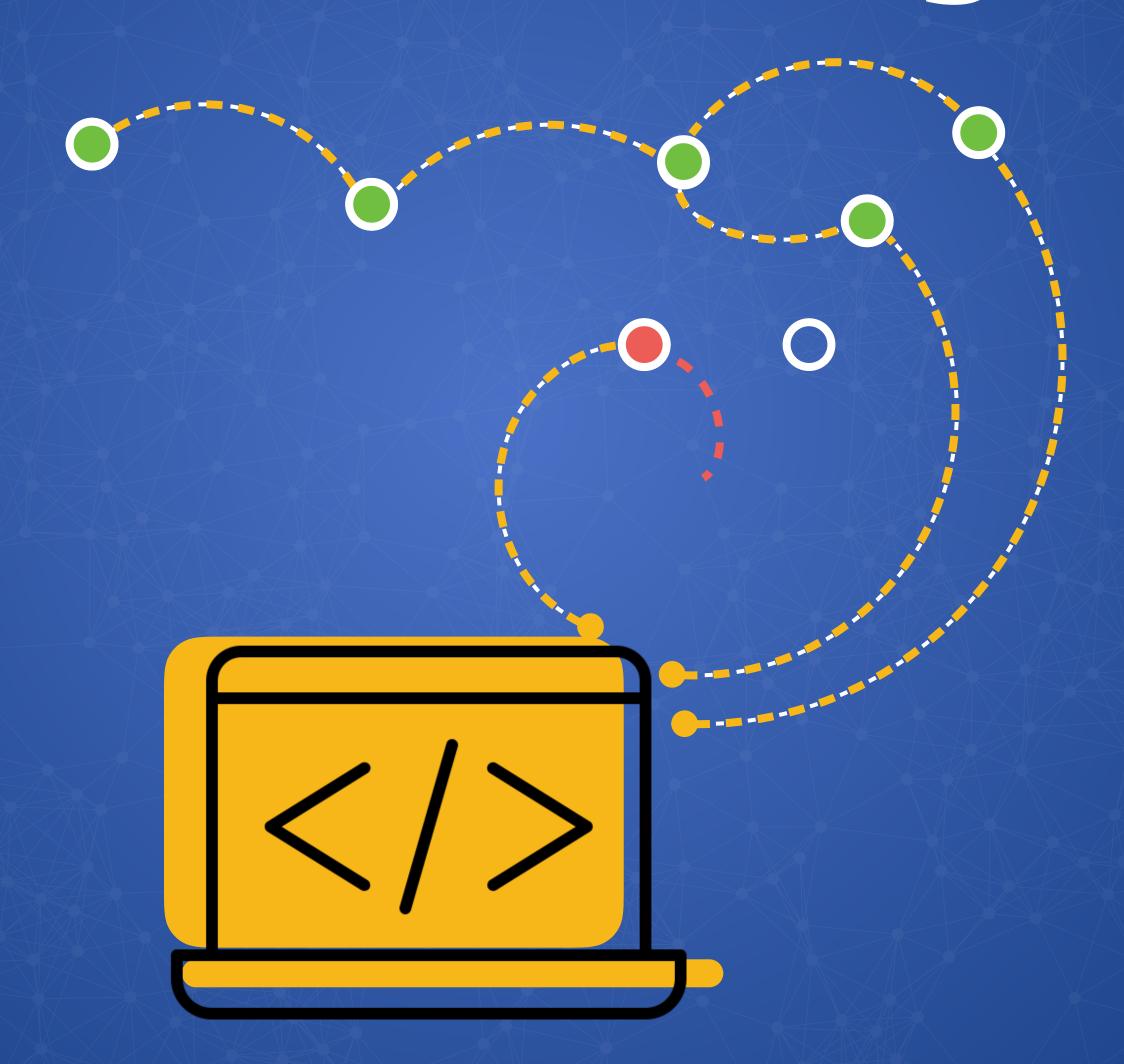
Detecting the problem



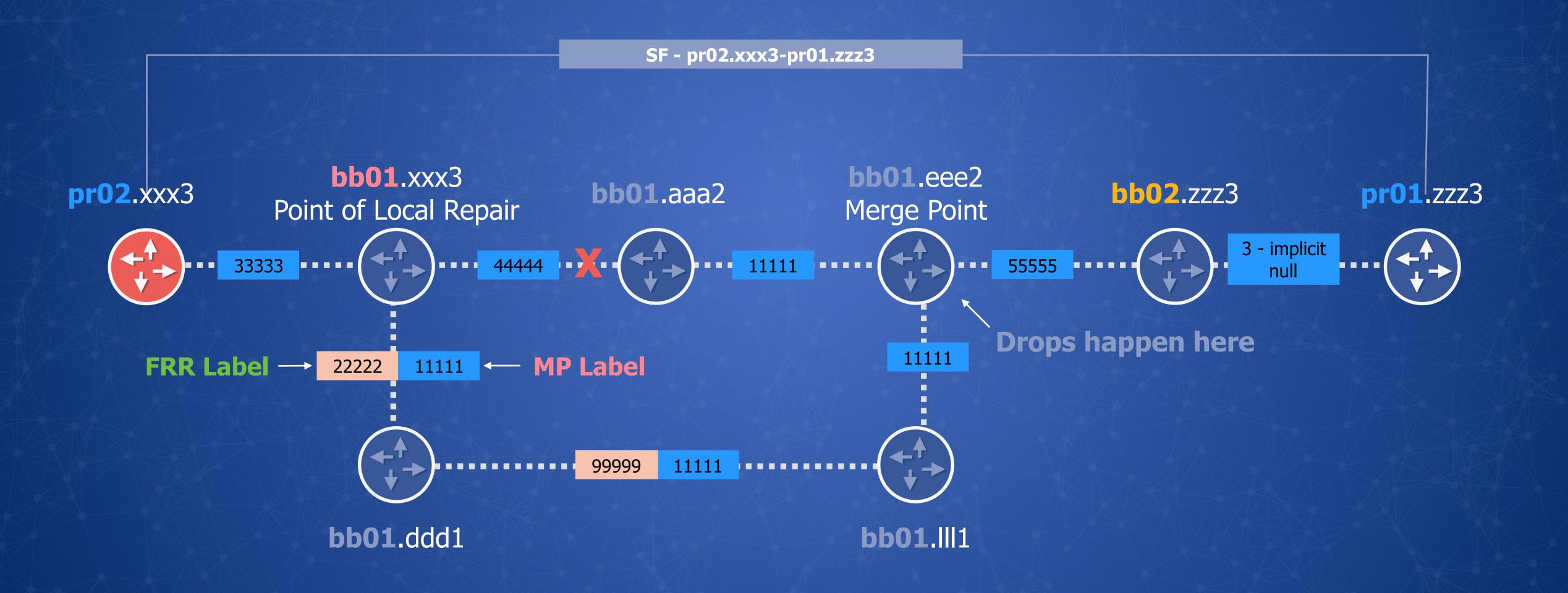
Analysis of dropped packets

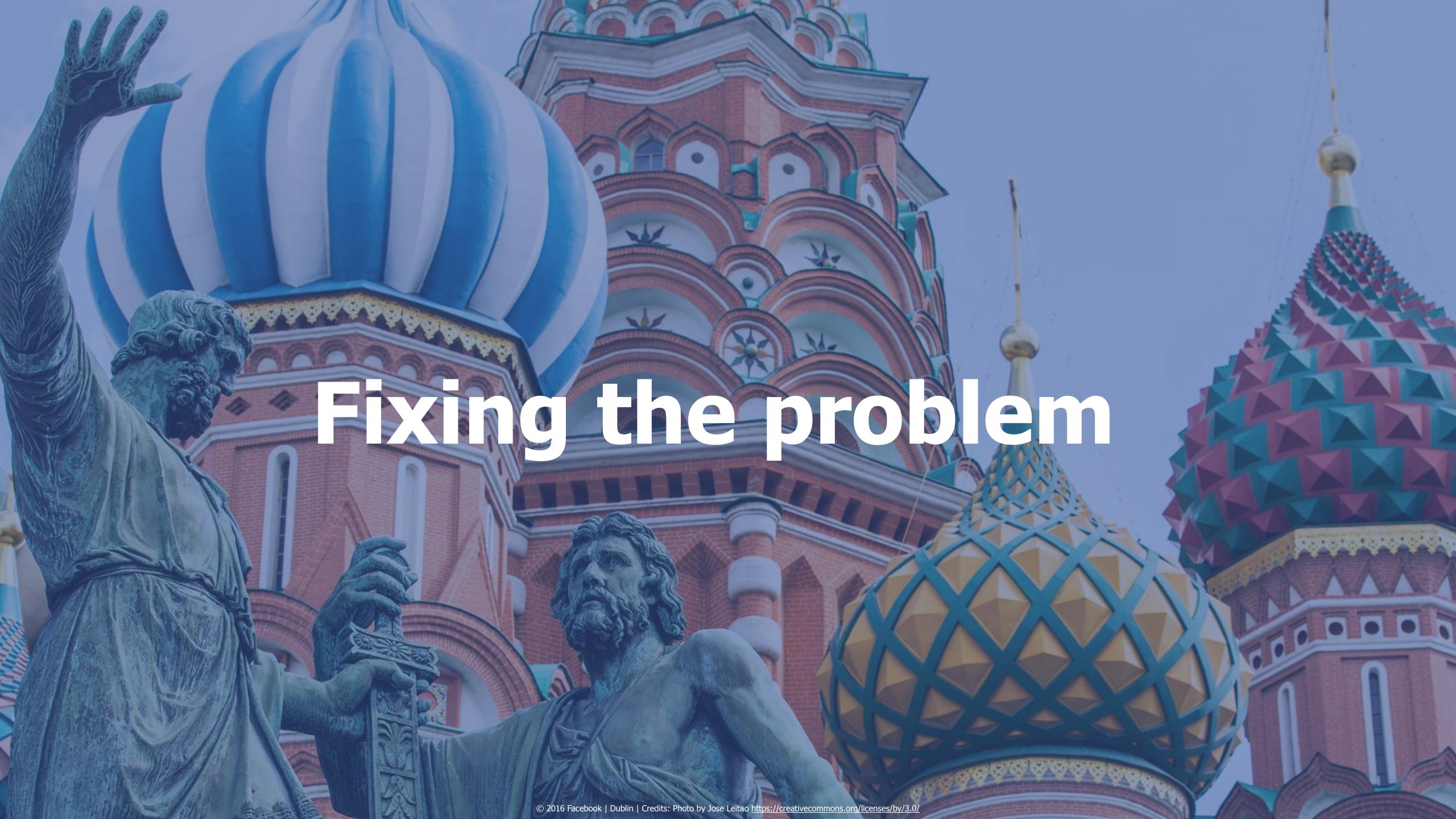


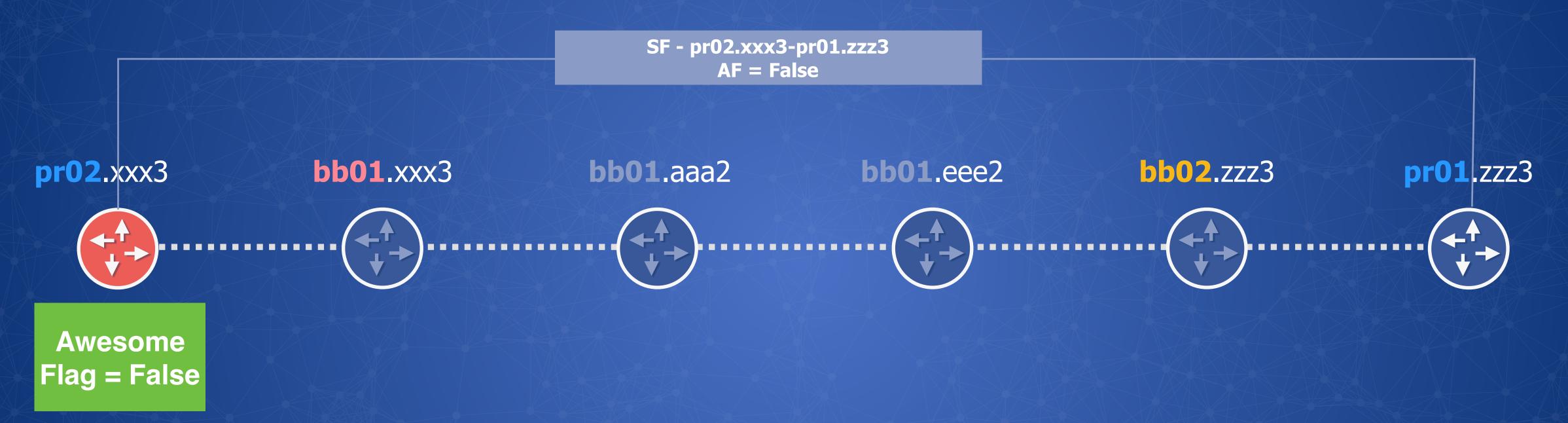
Active Probing

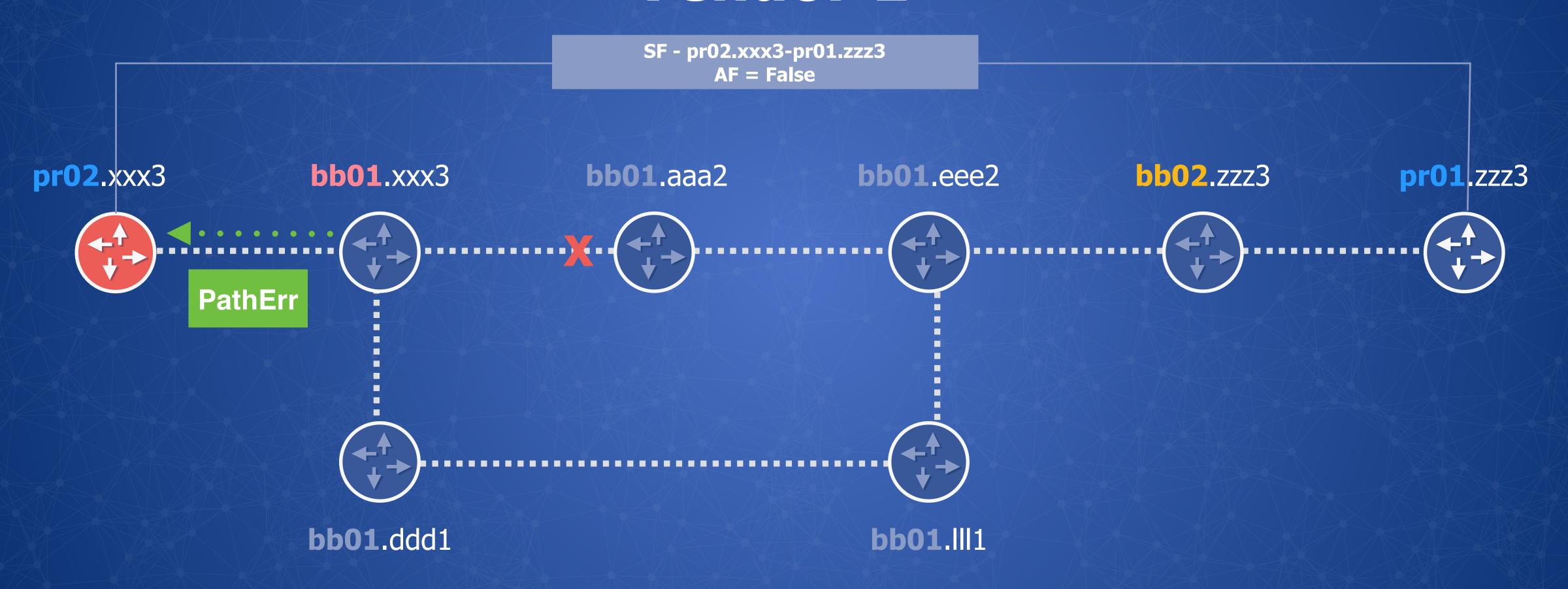


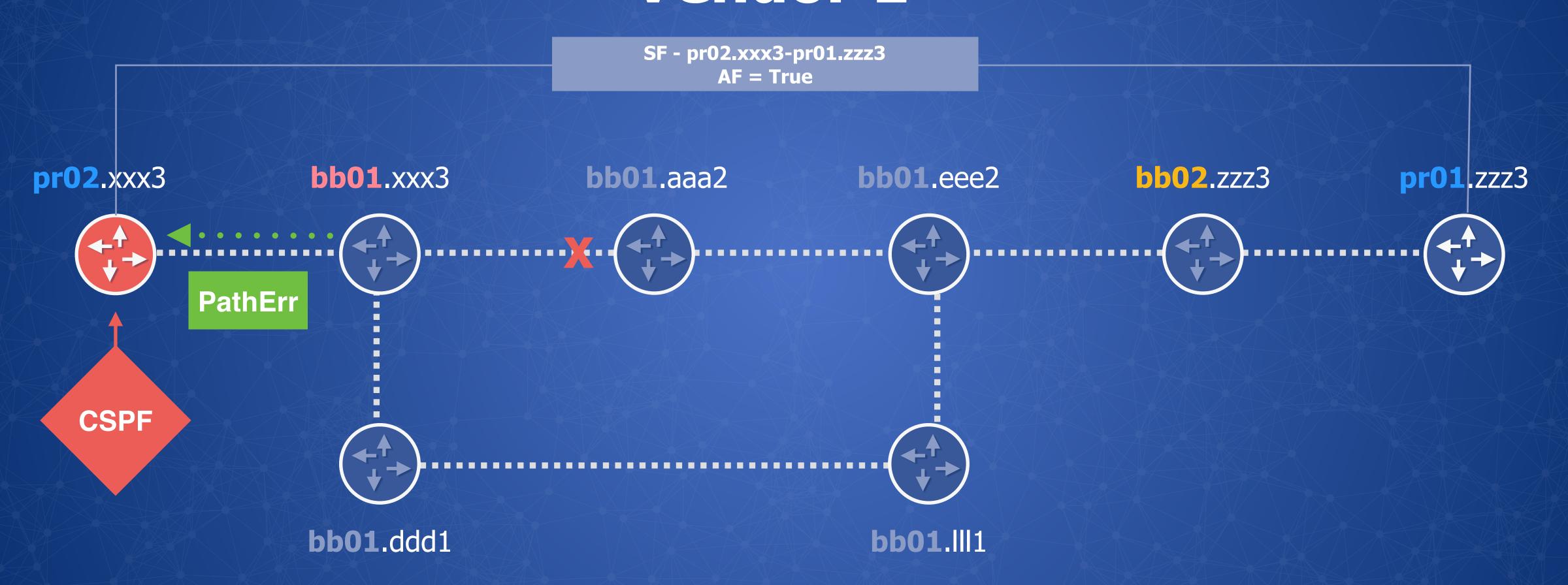
LSP with hops and labels

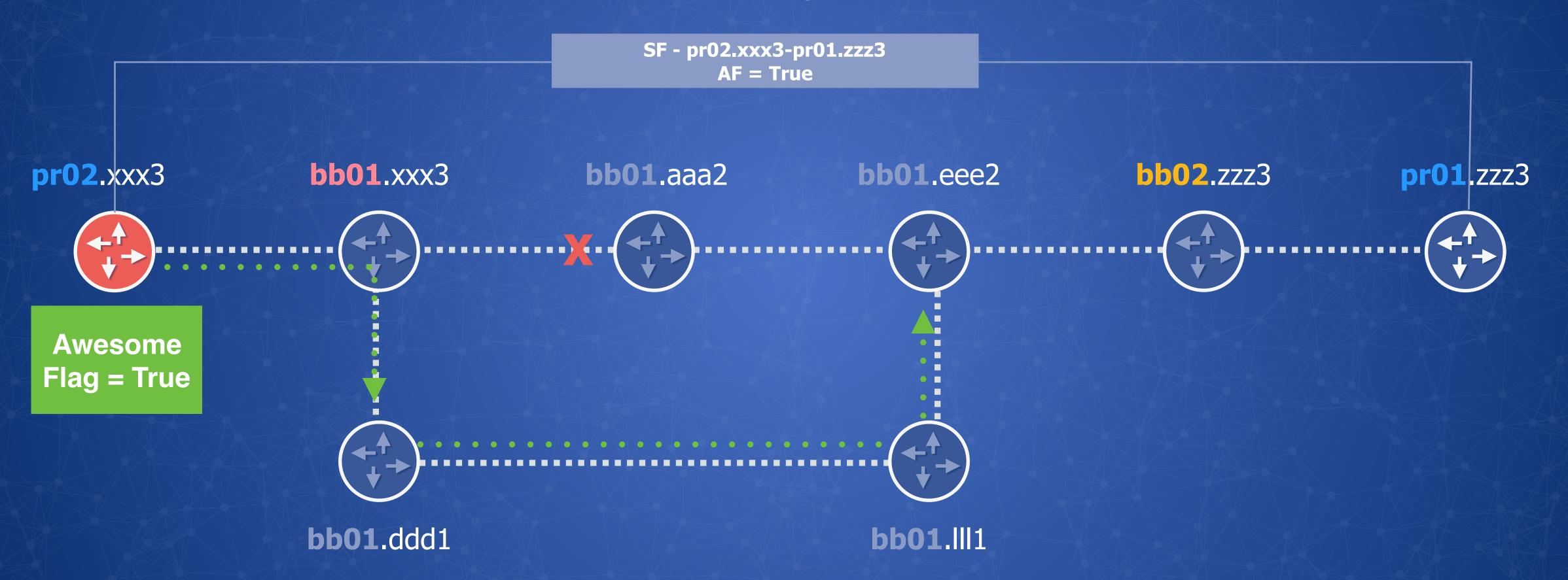




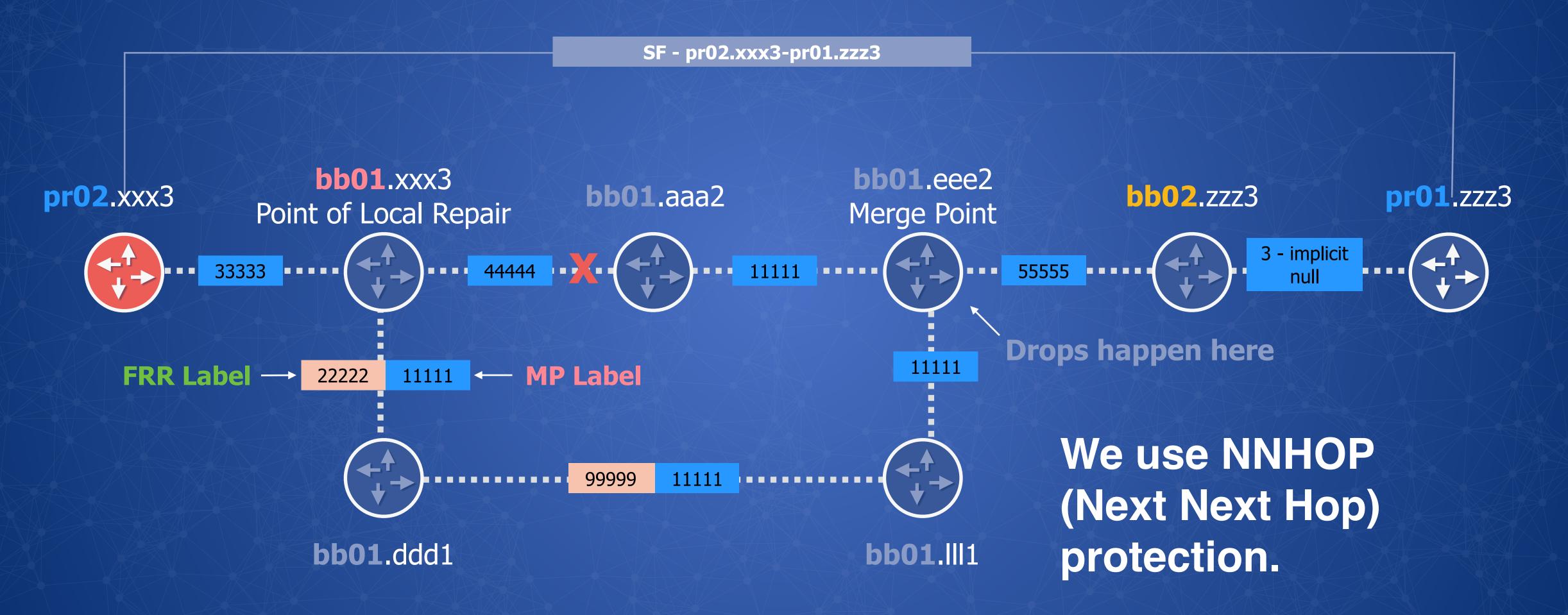


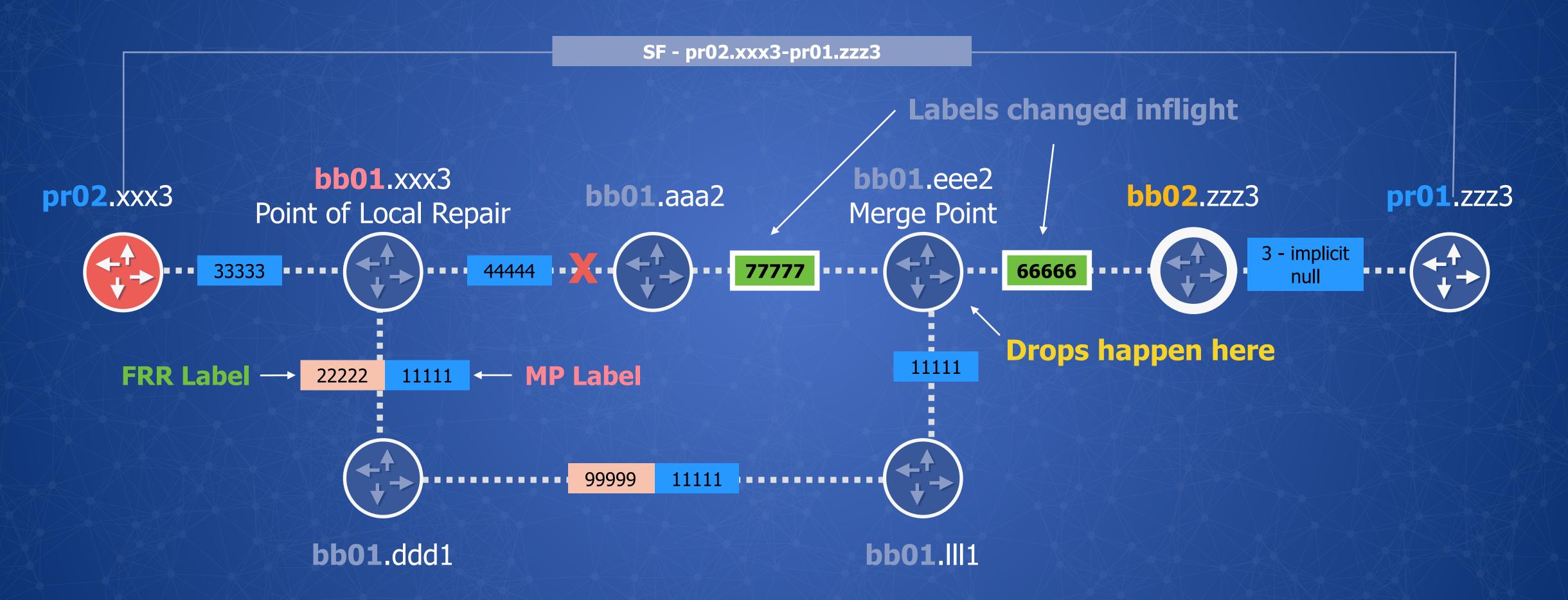


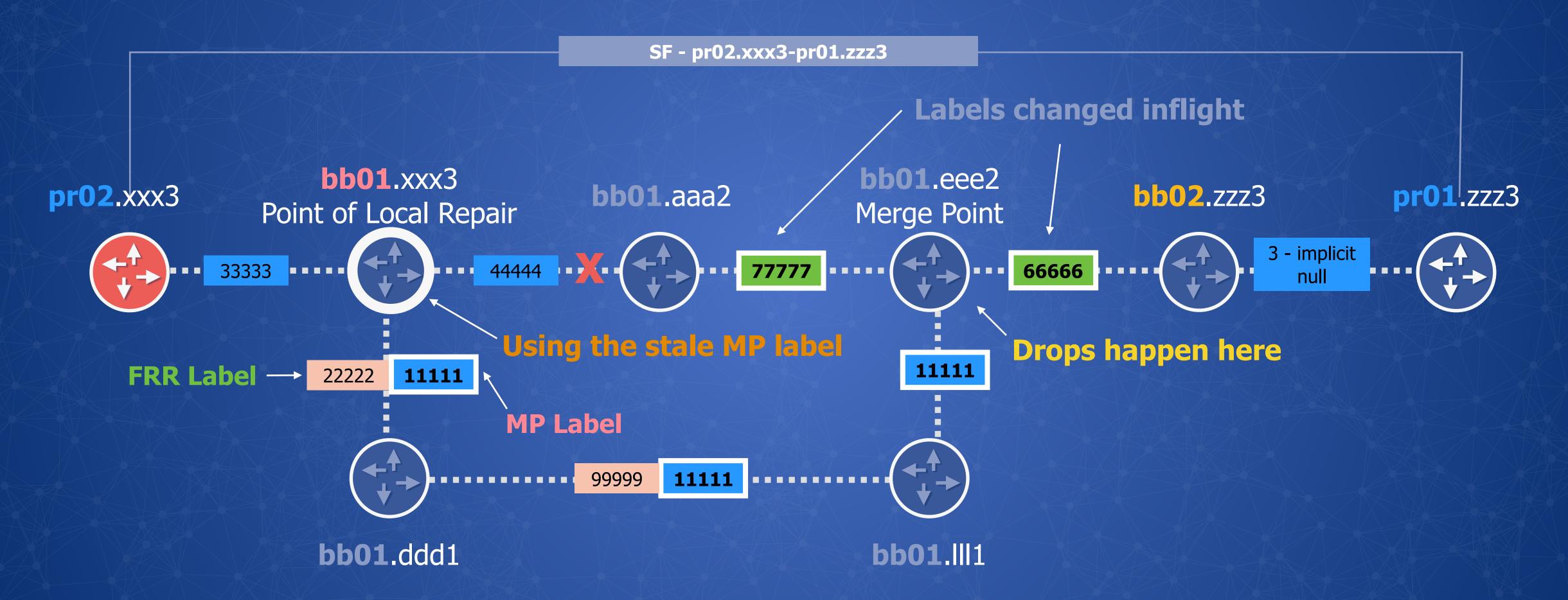














But this node keeps using the old ones

Adding the label sub-object in the RRO when an LSP is in FRR mode.

bb01.ddd1

bb01.|||1



Extract the MP label from the RRO when label is missing from the Node IP address but present in another IP address that belongs to the MP

keeps using

the old ones



Lessons learned

Monitor end-to-end

Collect all the things

Failure != Impact

Multivendor is hard

