

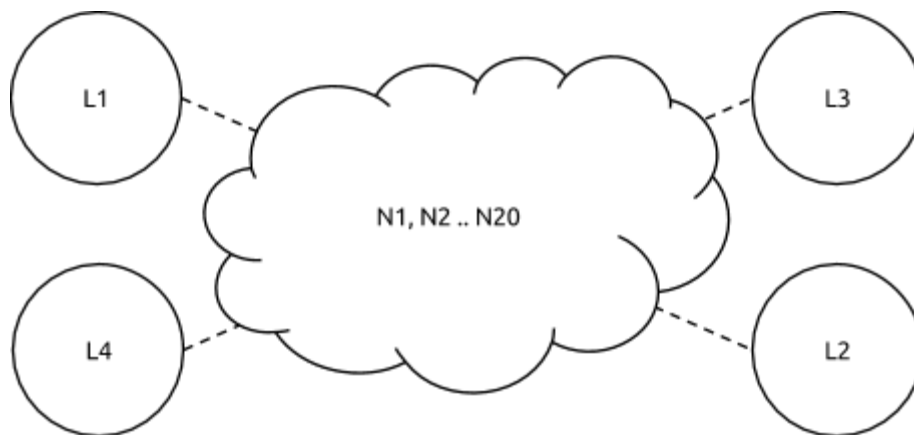
Scenario 5



The Crossed Streams Jeopardy

Setup and description

You create a large mesh cloud of 20 routers spread all over the place like this:



You can use your laptops or any other wired device (L1 .. L4) to connect to the wireless edge routers.

Test plan

You will analyze if one routing protocol can choose the best paths for two streams in order to gain maximum throughput during a 20 minute TCP stream session. Start both streams at the same time from L1 → L2 and L3 → L4 respectively. Measure the total number of bytes transferred when both streams have finished transmitting.

Requirements:

- 20x TL-WDR4300 with OpenWRT (including olsr, olsr2, bmx6 and batman-adv)

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Results and interpretation