

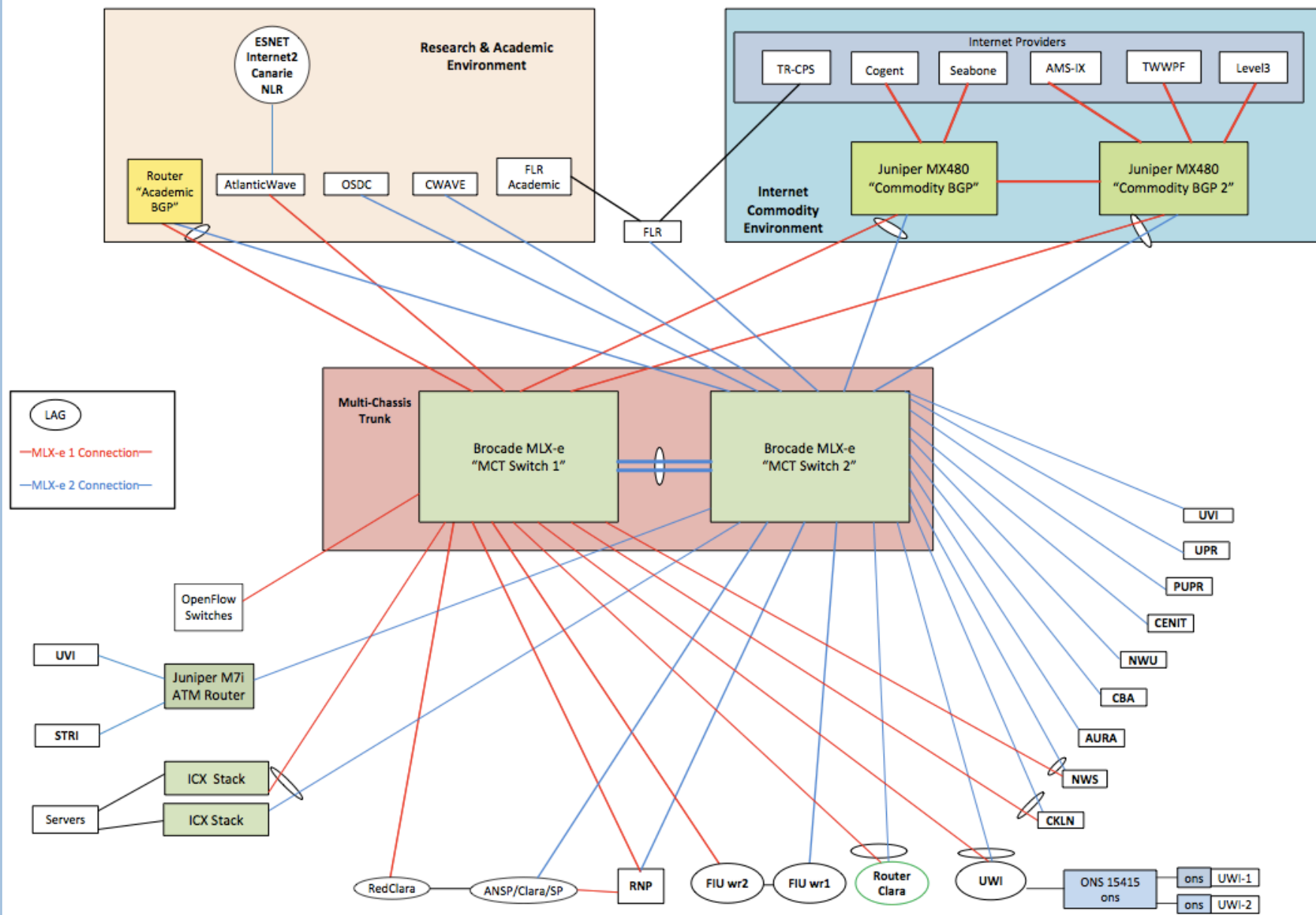


# Virtual SAACC Meeting 2013: Overview of the AmLight 2013 Network

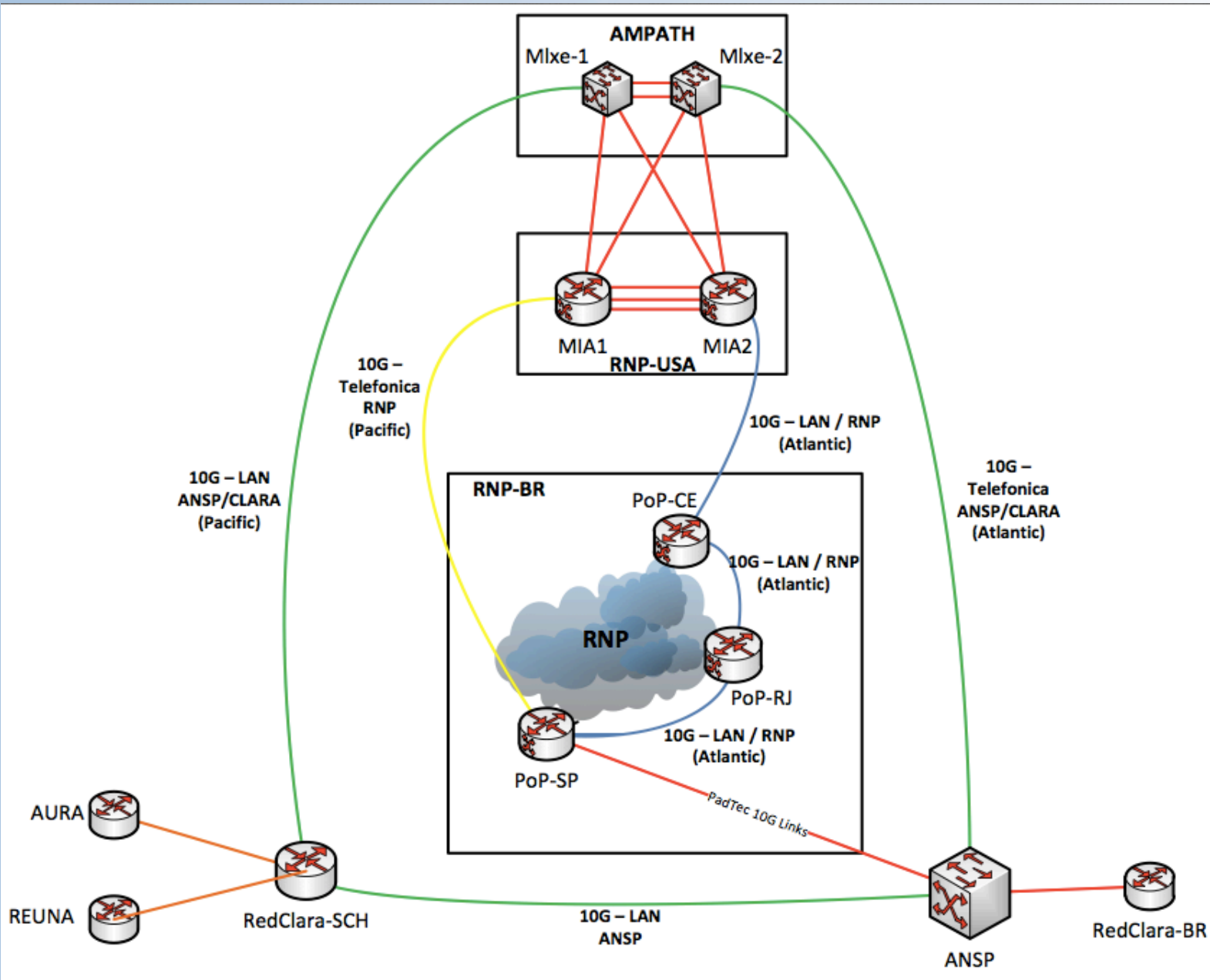
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# Improvement at AMPATH's fabric



# South America new topology

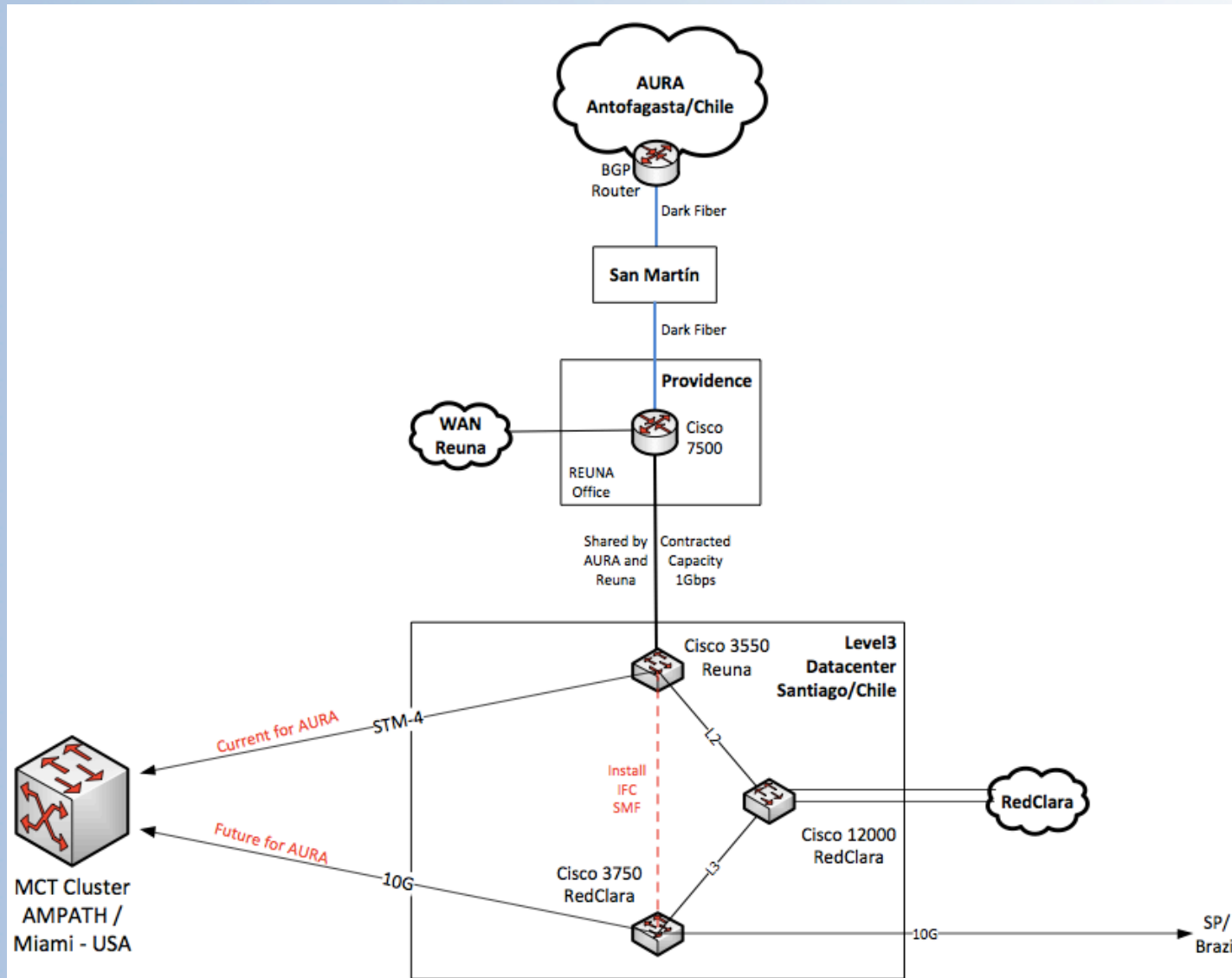


# What changes to AURA?

- Goes from a STM-4 (622Mbps) circuit to the 10Gbps Academic ring in South America:
  - More bandwidth: both sides of the ring can be used at the same time (20Gbps);
  - Direct access to the Linea participant in Brazil (~65ms of “distance”);
  - Protection using the network ring approach;
  - Delay using protection (via SP) *could*\* reduce, from 191ms to 170ms;
- Better control and visibility of the topology and about what happens in the network:
  - No need to call LAN to ask about switch protection;

# What changes to AURA? (2)

- The idea is to use the same approach that we have today:



# Next Steps

10G Academic ring is almost installed:

- SP – Santiago – MIA was delivered on Mar 20:
  - Santiago has a bypass;
  - We are running performance tests;
  - Average delay of 153 ms from SP to Miami;
- It was requested a cross-connection in Level3 datacenter in Chile:
  - Expected to be completed in 15 days
- It was requested a connection between Reuna's Cisco 3550 and RedClara's Cisco 3750:
  - Expected to be completed soon

Questions?

Thank you!