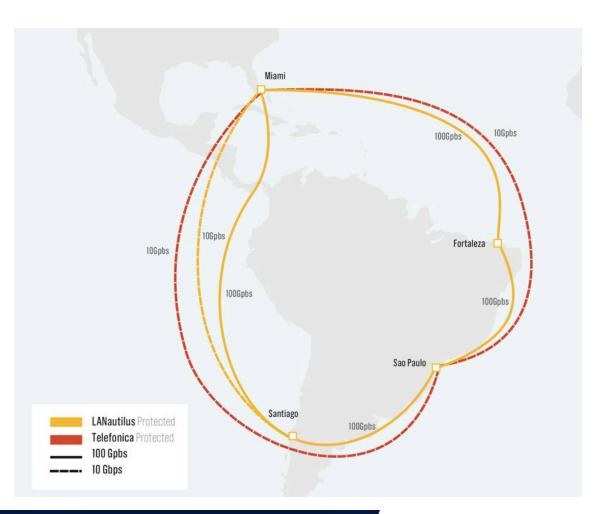


GLIF Americas Working Group Meeting September 19, 2018 Helsinger (Elsinore), Denmark

Current AmLight Network Infrastructure

- 100G ring Miami-Fortaleza, Fortaleza-Sao Paulo, Sao Paulo-Santiago, Santiago-Miami (solid yellow)
- 10G ring from Miami-Sao Paulo-Miami for protection (dashed red)
- 10G Miami-Santiago for protection (dashed yellow)
- 100G and 10G rings are diverse, operating on multiple submarine cables
- Total upstream capacity presently at 230Gbps
- Collaborative partnerships with ANSP, RNP, CLARA, REUNA, AURA, FLR, and Internet2





Year 4 activities: Activate Express

- Activate Express spectrum:
 - Two 100G channels via Fortaleza (Q3 2018)
 - One direct 100G channel from Miami to Sao Paulo (Q4 2018)
- Add Panama to the 100GProtect ring: (Q4 2018)
 - Miami, Fortaleza, Sao Paulo,Santiago, Panama, Miami
- Enhance resilience to the AmLight-ExP backbone
 - Monet submarine cable bypasses the Caribbean

