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MOXY Update (Montreal Open Exchange)

Thomas Tam | September 27, 2017





MOXY: Canada's First Global Exchange Point for Research and Education

Objective

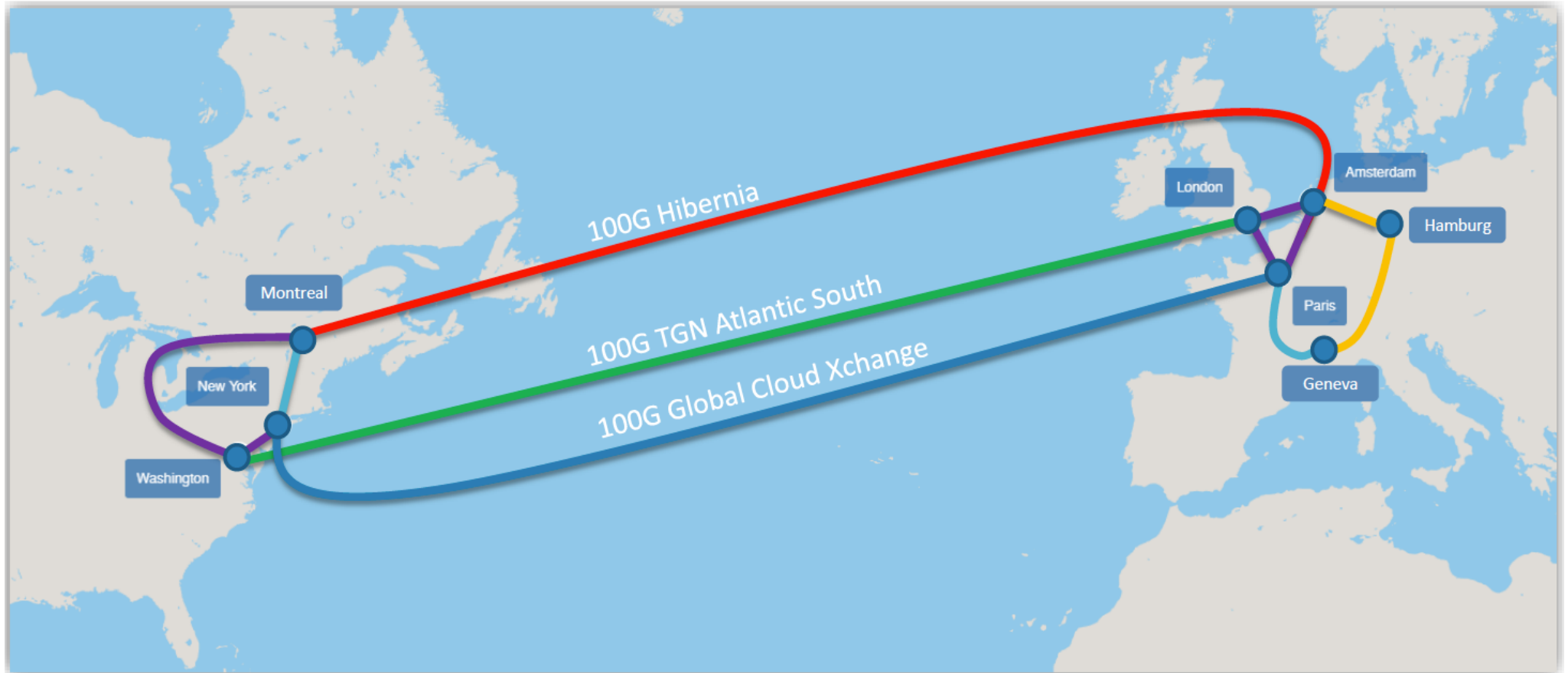
- > enables researchers to collaborate with their peers around the world by facilitating the interconnection of global research and education networks.
- > Who can connect?
 - Global R&E institutions (through their National Research and Education Networks) and/or
 - Commercial entities who directly support or offer services to the global R&E community.

Locations

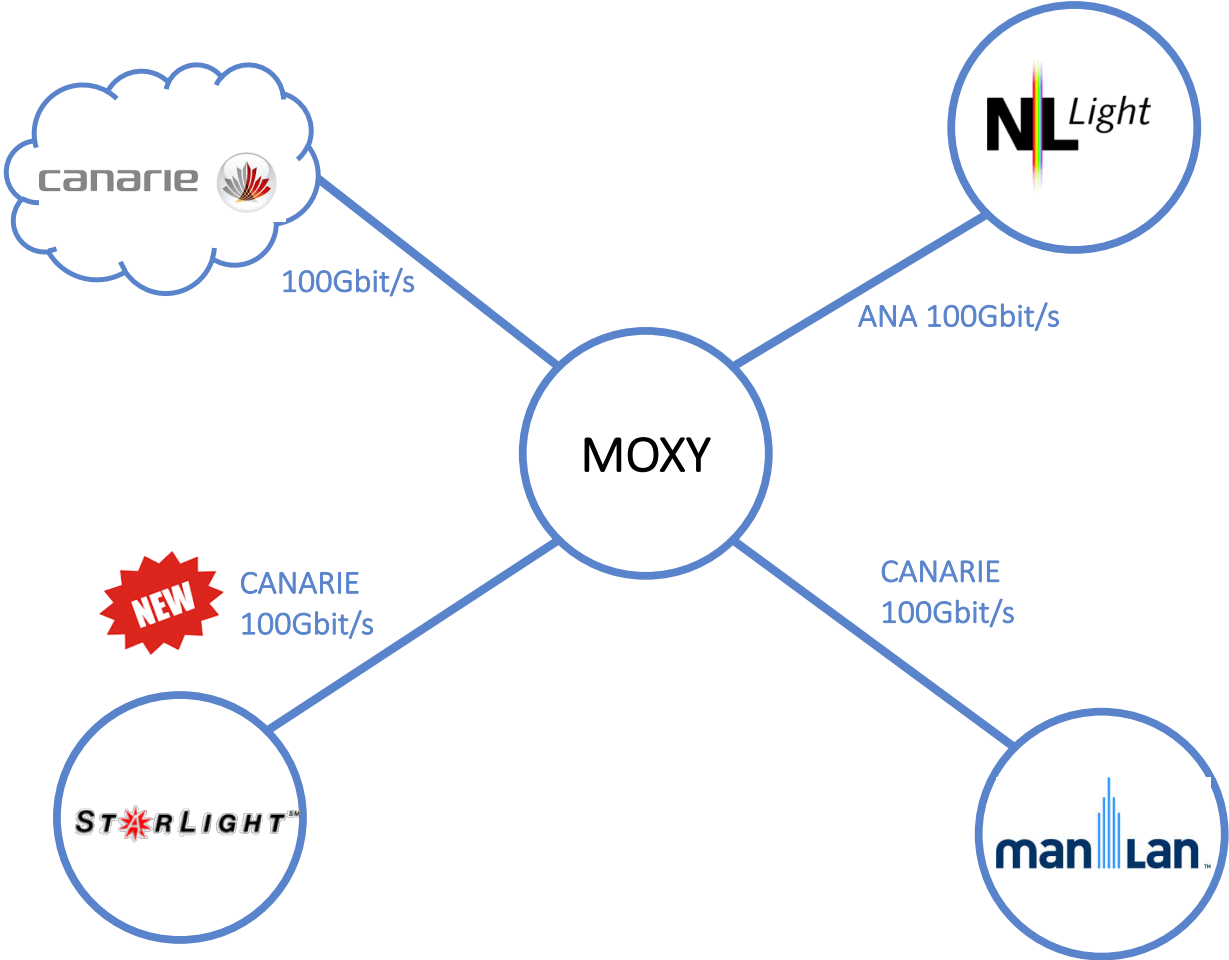
- > Established in Late March, 2017
- > Officially announced during TNC17
- > Commercial Network neutral facility
- > Located in downtown Montréal, Québec
- > Access to carriers via Metro Fibre



ANA – Reliable Transatlantic connectivity



Connections



Services and Equipment

> L2 Services

- Guarantee service
- Best effort

> Connection types

- 10GE
- 100GE

> Equipment

- Current – Sharing the core MX router
- Dedicated Juniper QFX10002 – coming in October

Activities

- > GLIF – DTN
- > SC17
- > SURFnet and NORDUnet collaborations
- > Experimenting NSI/OpenNSA/MEICAN
- > Deploying dedicated perfSONAR box
- > Integration network stats with ANA dashboard
- > Other experiments



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