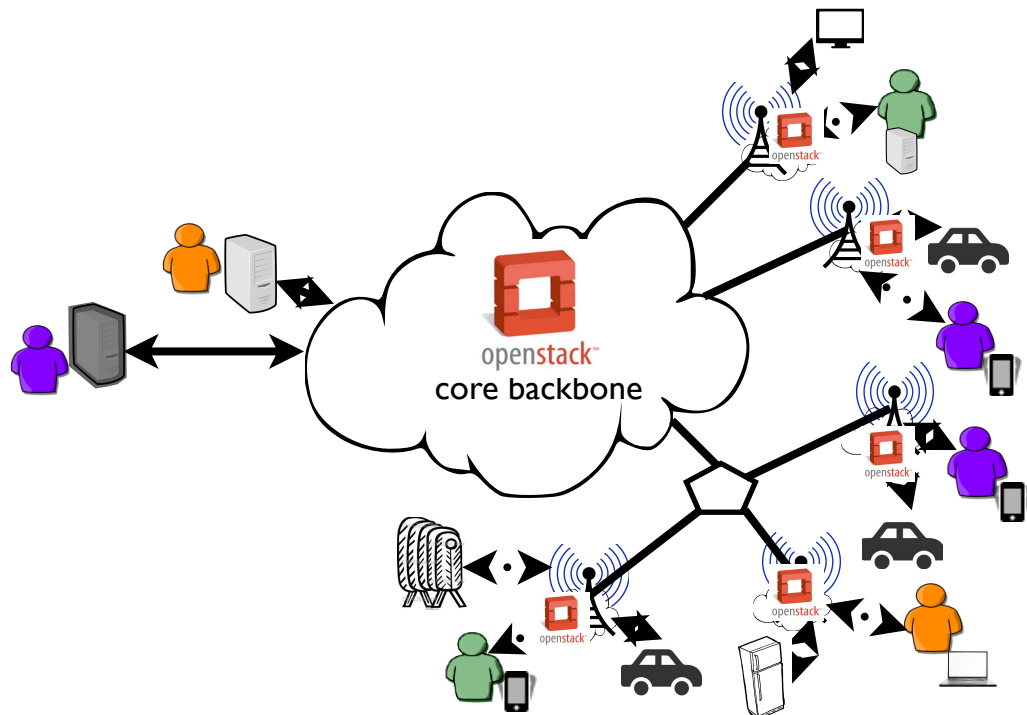


IPL Discovery in one slide

Didier Scovary

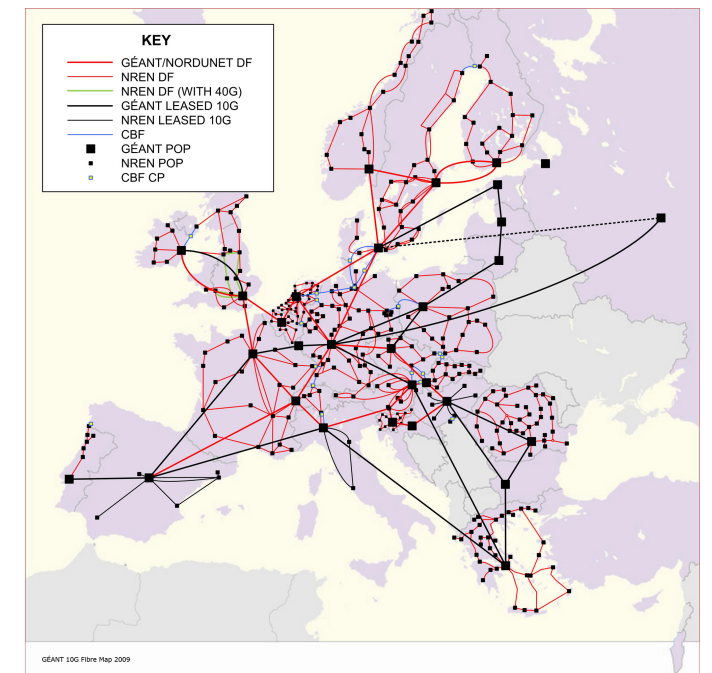
DISCOVERY

- Distributed and Cooperative framework to manage Virtual EnviRonments
- Fog/Edge Computing Paradigm
- Extend any point of presence of network backbones (aka PoP) with servers (from network hubs up to major DSLAMs that are operated by telecom companies, network institutions...).
- Deliver a fully distributed IaaS System and not a distributed system of IaaS systems (aka brokering approaches)
- Do not reinvent the wheel, leverage and revise OpenStack

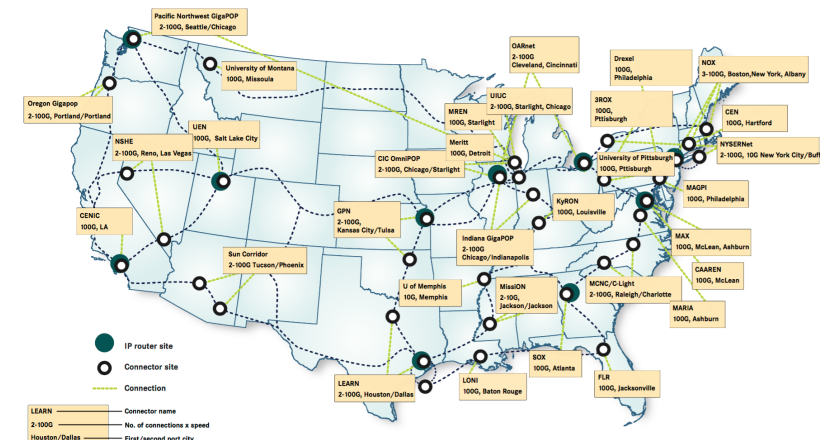


Extend to radio base stations

- Lot of scientific/technical challenges
Cost of the network? Partial view of the systems?
Wan wide considerations? How to take into account locality aspects? Security? Extend current cloud APIs to make the development easier and more reliable?...
- IPL DISCOVERY (ASAP, ASCOLA, AVALON, KERDATA, MYRIADS, Orange, RENATER)



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