

LONAP

Operational update
RIPE60, Prague

6th May 2010
Will Hargrave

Facts

- Almost 100 connected ASN
(2010 - 5 new members, ~8 in join queue)
- ~13Gbit/sec typical peak
- 4 sites live, 1 additional in build
- Resilient Fibre ring between sites
- Attractive -
 - mutual organisation, highly reliable,
 - inexpensive, financially stable, growing,
 - experienced, community spirited

Infrastructure upgrade

- Problem - scalability of existing c6500 platform (cost of 10GE ports, desire for new features)
- Fix - new switches
- Process
 - PQQ with all Vendors - done
 - RFP with 'n' Vendors - done
 - **Technical Test - 'n-y' vendors <<< NOW**
(Compatibility with c6500, exchange features, security, stability)

Expansion

- Augments existing services in Telehouse North, East, Telecity Sovereign, Telecity Hex
- **Interxion, London City**
- Will be first LONAP-ng site - so dependency on infrastructure refresh



Can take orders, shipping soon

- Launch party tba. Would you like to come?

Encouraging port upgrades



Route Server

- Beta in 2009
- Stable in 2010
- 27 distinct participants
- Bird and OpenBGPd
- Sensible policies on **redundancy**, **filtering**, **hygiene**, and collaboration with other exchanges therefore **very stable**