LONAP: Organisation Overview

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Key facts

• 160 members
• ~ 1.1Tbit of connected capacity
• 140Gbit/s of peak traffic
• 6 sites in East London
  – All within 2-20km of each other
  – Telehouse, Telecity, Interxion commercial colocation operators
The three-way relationship

IXP

Datacentre

LONAP

Member networks
Company structure

• LONAP is a membership organisation (Company Limited by Guarantee)
• In UK law, the members own and control the company, but there are no shareholders
  – Any profits must be used for the benefit of the IXP
• Legal setup is similar to IXPs like IXLeeds, LINX, INEX, and the .uk domain registrar Nominet
History

• LINX was founded in London in 1994
• Restrictive membership model:
  – High joining/membership fee
  – Requirement to be an ISP with own link across the Atlantic
• Enter LONAP – formed in 1997 by 3 ISPs who did not meet these requirements
• Today looks rather different!
LONAP Income

• Members pay **recurring port fees**
  – No joining, setup or membership fees anymore

• Current charges are:
  – First 1G: £70gbp/month (~R$ 400)
  – First 10G: £375gbp/month (~R$ 2130)
  – Discounts for additional ports
  – Port prices around 50% the cost of many other IXPs

• 2013/14 revenue was £478k (~R$ 2.7m)
  – 2010: £224k (~R$ 1.3m)
LONAP Expenditure

• Major items:
  – Staff – LONAP has 3 staff
  – Contractors
  – Rackspace + Power
  – Fibre between datacentres
  – Travel
• Annual surplus typically –10k to +60k GBP (~R$ -60k to 350k)
• Contribution to reserves for future equipment purchases and ‘rainy days’
Summary

• LONAP is a stable, growing IXP
• Owned by members for the benefit of the Internet Community
• 18 years of providing great value service

Questions?
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