



Denesh Bhabuta

<http://www.lonap.net>  
denesh@lonap.net



# Origins

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- Founded in 1997 as a mutual exchange
- Principle objectives:
  - Exchange traffic locally
  - For mutual benefit
  - Co-operative and supportive
  - Cost effective



# Management

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- Member elected directors (part time).
- No office staff
- No office!
- Accounting outsourced
- Minimal overheads
- Maximum investment in infrastructure
- Modest membership fees



# Where we are now

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- 54 Members
- Three PoPs - THN, THE and RB-HEx
- Cisco 6500 series in each PoP
- GigE Links between PoPs
- 100Mb/1Gb/10Gb connections
- Powerware 9125 UPS plus extra batteries



# Current Projects

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- 10Gb ring due to be installed in October
- New POP in Redbus Sovereign House
- F.ROOT server implementation in HEX
- Link to K.ROOT
- UCL DDOS investigations
- UCL BGP study



# Membership advantages

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- High throughput switching infrastructure
- Platform and vendor diversity
- Resilient Fibre ring with dedicated UPS.
- VLANs for
  - Multicast peering
  - Jumbo Frames
  - Private interconnects
- Highly competitive flat rate pricing.



# Where next?

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- Membership drive
- Second vendor parallel network
- Expansion to other sites
- More multicast
- 100GigE?
- Optical switching?



# Questions

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