

# Union-IXP

*Linking Scotland Together*

*The membership owned IXP in Scotland*

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# Quick Overview

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- *or*

- *How we got around to forming the third IXP in Scotland*

# Scottish IXP History

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- *In the beginning there was Scot-IX*
  - *Scottish Enterprise funded*
  - *Housed in a discrete banking facility*
  - *Went dark approx 2 years ago when  
Telecity closed EDI facility*

# Then there was World-IX

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- Commercial IXP run by and based in Scolocate, Clocktower Estate, Gyle, Edinburgh

# The future: Transit or Peering

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- In Scotland there are definite cost benefits to local peering rather than transit if we can get the volumes
- Two new data centres have opened last year
- The future of the local IXP was uncertain
- There was an opportunity to start afresh

# Why the Union-IXP name?

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- *After the Union Canal that linked Edinburgh to the Forth & Clyde canals between Edinburgh & Glasgow*
- *The canal runs past the first two proposed sites and links up with the canal system that has been re-opened to Glasgow*

# Union-IXP Activity Plan

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- *To Boot Strap a member owned IXP*
- *To grow from the initial 4 peering ISPs*
- *Provide a resilient IXP over multiple sites*
- *Provide stability & continuity for members*
- *Focus on the needs of the members not  
Development Agencies, Colo Providers etc*

# Public Presentations

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- *LINX Meetings 48 & 49*
- *RIPE 50 - Stockholm*
- *Attended Terrebit Peering Forum*
- *UKNOF - July & September 2005*



# Network Information

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- *Layer 2 Switch in Scolocate within Lumison Rack went live on Dec 1st 2004*
  - *BIG Thanks to Mike & Andy from LINX*
- *AS34246*
- *195.242.64.0 - 195.242.65.255*
- *Technical Hands on Support from Lumison*
- *Open Peering/Membership Policy - open to Content Providers with an ASN*

# Hardware

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- *Primary switch is an Extreme Summit 48*
- *Route reflector Cisco 3640*
- *Looking Glass offered from PCH*
- *Long Term Rack going live next month*

# Administration

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- *MoU based on the LINX's*
  - *Majority of changes are due to differing fee structures*
- *3 Year Contract for Hosting at Scolocate*
- *Agreed membership fee model*
- *7 paying members!*

# Agreed Fee Structure

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- *Joining Fee - £1500*
- *Annual Subscription - £2,500*
- *Low User Membership - probably non-ISP*
  - *£1500 pa*
  - *Max 1Mb traffic peak ie a 1Mb port*

# Members

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- *Abel Internet*
- *EQSN*
- *Iomart*
- *Lumison*
- *Onyx Internet*
- *Scotland Online*
- *Xtrahost*

# Questions?

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