

Union-IXP

Linking Central Scotland Together

The new membership owned IXP for Central Scotland

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Fearghas McKay Biography

- *Based in Edinburgh*
- *Working on the net since 1992*
- *Founded Scolocate & World-IX*
 - *One of the original propoents behind Scot-IX*
- *RIPE EIX-WG Chair 1998-Current*
- *Euro-IX Board Member 2001-04*

Scottish IXP History

- *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

- Commercial IXP run by and based in Scolocate, Clocktower Estate, Gyle, Edinburgh
- Suffered from a lack of marketing and minimal maintainance
- About to start charging members
- Concerns over its future direction & stability

The future: Transit or Peering

- In Scotland there are definite cost benefits to local peering rather than transit
- Two new data centres have opened this year
- The future of the local IXP is uncertain and it is not being actively managed
- There is an opportunity to start afresh

Why the Union-IXP name?

- *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

- *To Boot Strap a member owned IXP*
- *To grow from the current 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*

Union-IXP MoU

- *Based on current LINX MoU*
- *3 person board from founder members*
- *Executive Chairman*
- *Technical & Logistical Assistance from LINX and Union-IXP members*
- *Initially run on a 'best effort basis'*

Network Architecture

- *Layer 2 Extreme Summit48 Switch in Scolocate within Lumison Rack*
- *Technical Hands on Support from Lumison*
- *24/7 Access available to Union-IXP support staff on the same basis as their other customers*

ASNs & Peering Policy

- *AS34246*
- *195.242.64.0 - 195.242.65.255*
- *Open Peering/Membership Policy - open to Content Providers / Organisations with an ASN*

Future Network Plans

- *Second Site at Lumison Newbridge
Facility linked via Dark Fibre*
- *Glasgow Site at Databanx, Glasgow
Facility linked via contended 45Mb pipe*
- *Moving from a Bootstrap Operation to a
fully member funded organisation*

Current Status

- *One member has gone out of business*
- *In the process of moving racks :- (*
- *Targeting Six members by end of June*
- *Targeting Ten members by end of '05*
- *Moving to a pay model in the next quarter*

Questions?

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