Open IX

Martin Hannigan
RIPE 66
Dublin, Ireland
What is it?

• Standardization of Interconnect expense
• Community derived effort
• Open to any one, any IX or any DC operator
• NOT a contract vehicle
• Focused on North America
What we have done so far..

- Built a group to do the work
- Developed criteria for DC and IXP participation
- Built a community governance model
- Have support from the community
- Created a competitive model for interconnect
OIX Group

- Jon Aufderheide
- Eric Bell
- Dan Golding
- Martin Hannigan
- Tony Rossabi
- Dave Temkin
- Barry Tishgart
Community Support

• Wide variance of group members
• Survey responses
• Public and positive comments at 2 x NANOG
• Intend to elect members of OIX to solidify
Criteria for IX’s

• We did a survey and we agree
  – Preferred markets for support
  – Minimum service offering
  – Established an IXP governance threshold
  – Endorsement in exchange for agreement to operate in an Open IX endorsed facility
IXP Governance

• Avoid creating monsters
  – Codified engagement requirements
  – Stakeholder accountability
  – Collaboration
  – Organized in the United States as an IRS recognized non profit
Criteria for Datacenters

• We didn’t do a survey, but we know
  – Provide adequate rack space for an OIX
  – Provide adequate redundant power for an OIX
  – Low/no cost interconnect in the metro footprint
  – Endorsed in exchange for providing benefits to Open IX endorsed IXP’s and their members
How it works for an IXP

• IXP meets the minimum criteria
• Submits proposal for endorsement for N market(s)
• OIX Group reviews, feedback loop
• Posts “somewhere” for public comment
• Approves if criteria met or app not withdrawn
How it works for a DC operator

- DC meets the minimum criteria
- Submits proposal for endorsement for N market(s)
- OIX Group reviews, feedback loop
- Posts “somewhere” for public comment
- Approves if criteria met or app not withdrawn
Final bits

• What’s left?
  – Finish draft document
  – Provide a comments period
  – Implement
    • We already have IXP’s willing to be endorsed
    • We already have datacenter operators willing to be endorsed

• Comments?
• board@openix.org