The Peering Toolbox

A New Kind of Peer

RIPE83 – Connect Working Group

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Traditional Transit

20+ years ago

- ISPs provide Internet transit to organisations (content providers and end-users)
- Enterprise networks changed their Internet access to access and transit providers

What has happened?

- Internet has become an essential part of every organisations services, so they are taking more control over it
- Businesses needed to optimise their services

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What are we trying to Address

- Growth in the importance of Internet to business operations is driving enterprise networks to manage their own connection to the internet

- Managing this comes with risk, upskilling staff, learning new best practices, speaking and understanding the peering language

- Now there's more than one connection to manage & monitor i.e. IXPs but you also have a bunch of peers

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What are we trying to Address

- Taking control of network growth
  - Having the right resources, IP Addresses, ASNs
  - How do you manage your peers
  - With who and how are you going to peer? Community, what's that?

- There's A LOT to learn..
  - Where to start.. Who to speak to?
  - What are the best practices?
  - How do you deal with network challenges?

- Solution?

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Peering Toolbox

Community Focused Learning Tool

peeringtoolbox.euro-ix.net

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What is the Peering Toolbox?

By the Community

- Community focused Euro-IX project
- Organisations involved include LINX, NAPAfrica, Microsoft, Amazon, INEX

Aims

- Provide a learning structure and best practice information for new entrants into the interconnection community

Aims

- The toolbox will act as a reference/guide that IXPs and networks can point others to for best practice information and learn how meet the IXP and peers requirements

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Peering Toolbox

- There's already a lot of good work done by the community
  - We want to pull it together and make it available in one place
  - We are not creating a "peering bible" but it can act as a reference point for best practice information.

- The Peering Toolbox can reference your documents, get in touch, so we can link your materials –

  peeringtoolbox@lists.euro-ix.net

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Peering Toolbox – Coming Soon!

- We're going to create a learning structure

- The learning will be broken down into small pieces to make it easy, e.g. beginner, intermediate and expert to learn the community best practices

- We're thrilled that Philip Smith is joining us as the Product Manager, we're holding a focus group on 8th of December.

- We're looking to build the team up, if you're interested in getting involved contact us - peeringtoolbox@lists.euro-ix.net

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Thank you

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