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# The Peering Toolbox

Traditional Transit vs Peering

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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

## What's the Problem?

- 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
- Now there's more than one vendor i.e. IXPs but you also have a bunch of peers

# What's the Problem?

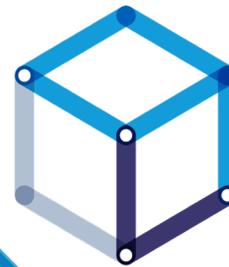
- Taking responsibility of the role of the ISP..
  - Having the right resources, IP Addresses, ASNs
  - How do you manage your peers, increase in cost?
  - With who and how are you going to peer? Community, what's that?
- There's A LOT to learn..
  - Where to start.. Who to speak to?
  - What are the best practices?
  - How do you deal with outages?
- Solution?

# Peering Toolbox

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Community Focused Learning Tool

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peering  
:toolbox  
[peeringtoolbox.euro-ix.net](http://peeringtoolbox.euro-ix.net)

# What is the Peering Toolbox?



## By the Community

- Community focused Euro-IX project
- Organisations involved include LINX, NAPAFfrica, 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

# 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 will 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](mailto:peeringtoolbox@lists.euro-ix.net)

# Peering Toolbox – Coming Soon!

- Peering Academy

- We're going to create a learning structure that's easy for new entrants to follow and discover what they need to learn to make the best decisions for their network.
- 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
- Using the IXPDB to see the types of networks connected will help give some insight into their knowledge
- We're looking to build the team up, if you're interested in getting involved contact us - [peeringtoolbox@lists.euro-ix.net](mailto:peeringtoolbox@lists.euro-ix.net)

# Thank you

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