

# **Extending Transit Networks: Impact on Peering**

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# THE SEACOM NETWORK

- POINT OF PRESENCE (PoP)
- MEET ME POINT (MMP)
- SEACOM NETWORK
- - - SEACOM PARTNER NETWORK

Please note: this information is subject to change and is not commercially binding.



## AGENDA

The objective of today is....

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- The Evolution of Peering in Africa
- The Growing Desire for Regional Interconnectivity in Africa
- What Are SEACOM Up To?



## The Evolution of Peering in Africa

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- Peering in most of Africa started humbly:
  - Free location provided by university or government.
  - Back & forth discussions among inexperienced operators – BGP.
  - A free switch and other bits offered by donors.
  - We have 32 known exchange points covering most of Africa.
  
- We wanted more (traffic):
  - Naively wanted to interconnect African regions.
  - The economics were hard to understand then.
  - Presence of caches, CDN's, roots, was a quicker win.



## The Growing Desire for Regional Interconnectivity in Africa

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- But we're now back to the same question:
  - There is fibre between African countries now.
  - Yet we still peer or route through Europe a great deal.
- Possible issues:
  - The economics still play a big role.
  - Cross-border interconnectivity is not straightforward.
  - Regulatory framework could help things.
  - Providers are not stepping up.



## What Are SEACOM Up To

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- SEACOM:
  - Run an IP/MPLS backbone across our cable system.
  - Johannesburg, Cape Town, Mtunzini and Maputo in the south.
  - Dar Es Salaam, Mombasa and Nairobi in the east.
  - Marseille, London and Amsterdam in Europe.
  
- For peering:
  - Launched a “Remote Peering” solution.
  - With AMS-IX, TESPOK to build an exchange point in Mombasa.
  - Partnership with NAP Africa from South Africa.
  - Partnerships with FranceIX, LINX and AMS-IX in Europe.
  - Provide interconnectivity over SEACOM’s MPLS network.

Thank you.

Q&A

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