Building Ecosystems in Africa
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The Past with Non Neutral Facility

Provider A
FIBRE CROSS
CONNECT

Exchange Point
FIBRE CROSS
CONNECT

Provider B

Provider C
$70.00 per 1 Mbps

$70.00 per 1 Mbps

$70.00 per 1 Mbps
BUILDING ECOSYSTEMS IN AFRICA

The Present within Neutral Facility

- **Provider A**: $0.00 per connection
- **Open Peering Exchange Point**: $0.00 per connection
- **Provider B**: $0.00 per 1 Mbps
- **Provider C**: $20.00 per connection
Growth

INTERCONNECTS

July 2012: 879
September 2012: 1079
December 2012: 1373
March 2013: 1572
June 2013: 1883
The Peering Effect
Role of NAPAfrica IXPs

NAPAfrica evolved from “an effort to improve connectivity and lower the costs of accessing content in Africa”

Benefits:
- Reduced latency
- More bandwidth
- Help develop local infrastructure

Efficiency:
- Shared resources
- One link, many peers
- Marginal cost for “New Peer” (ISPs only need BGP configuration)
- Marginal cost for “More Traffic” is low
- Simplified operation (much of the complexity is handled by the IXP)
- Openness: Very low barriers to entry
Ecosystem Growth

Neutral SLA based facilities are key for African ecosystem growth

Low cost interconnect key

Neutral, open peering exchange availability

Extensive opportunities for ecosystem growth in all sectors e.g. financial, ISP, Carrier, Content etc.
Thank you