

Protect.
Connect.
Grow.

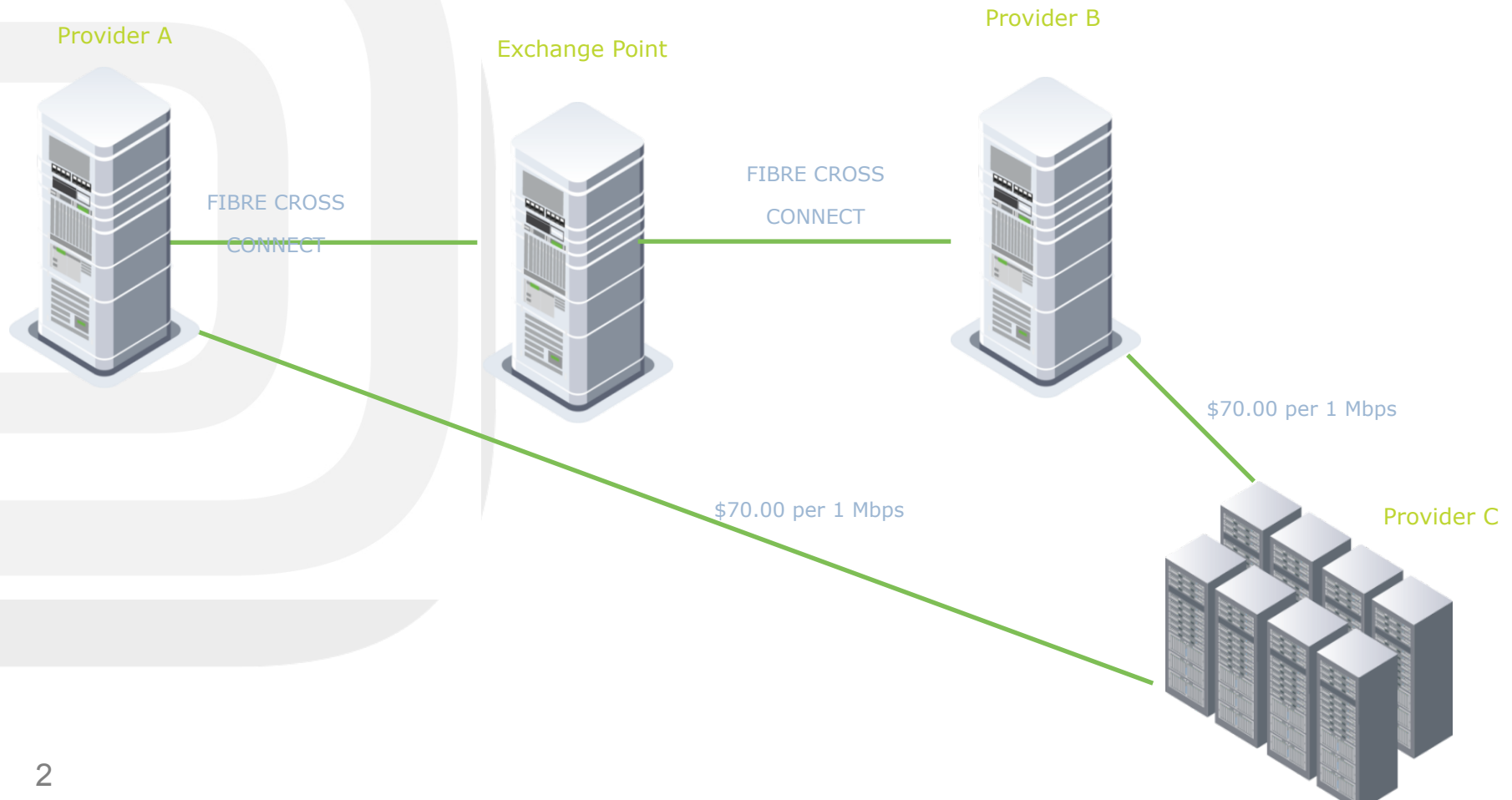
Building Ecosystems in Africa

Andrew Owens – NAPAfrica IX

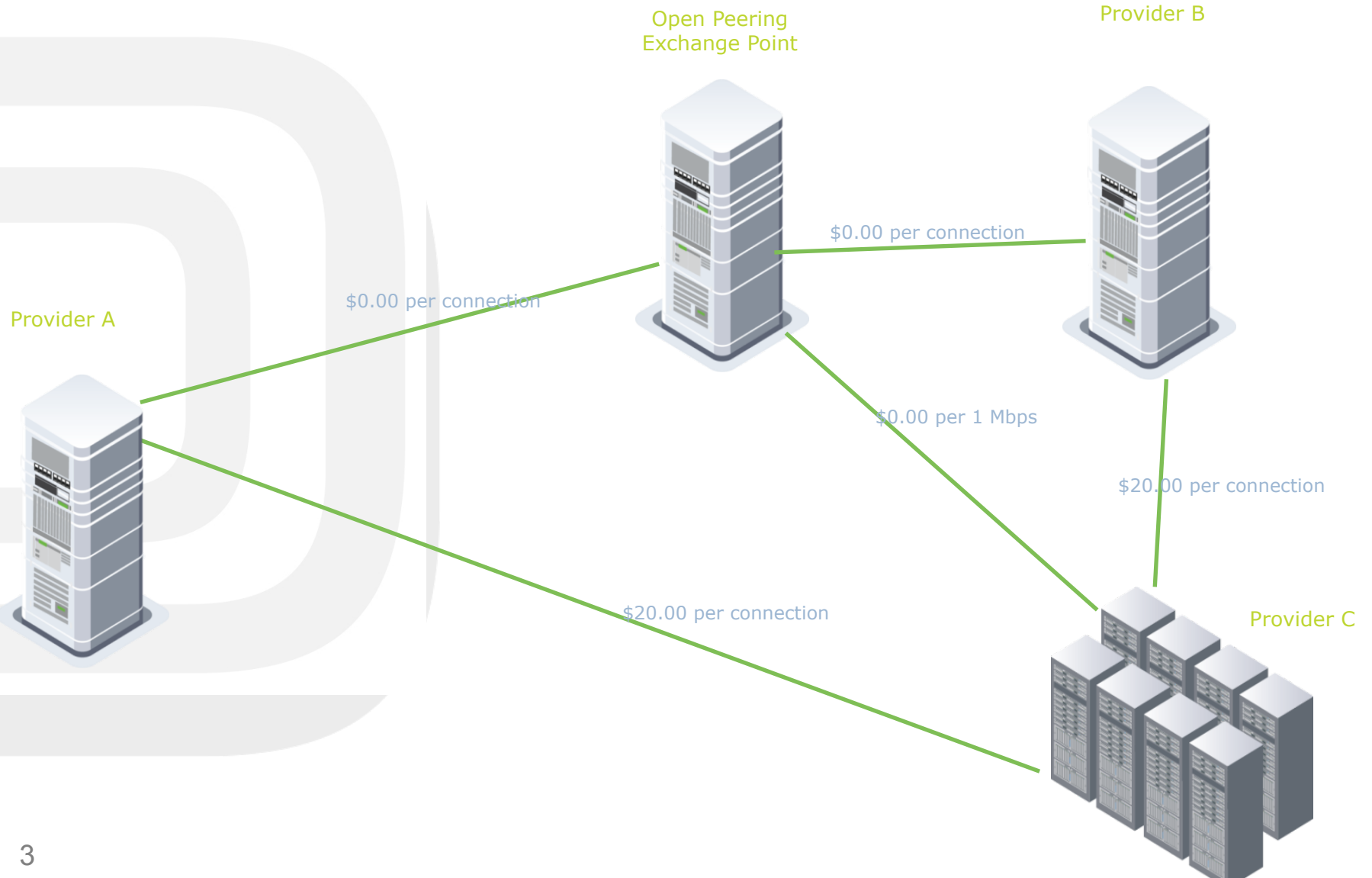


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The Past with Non Neutral Facility

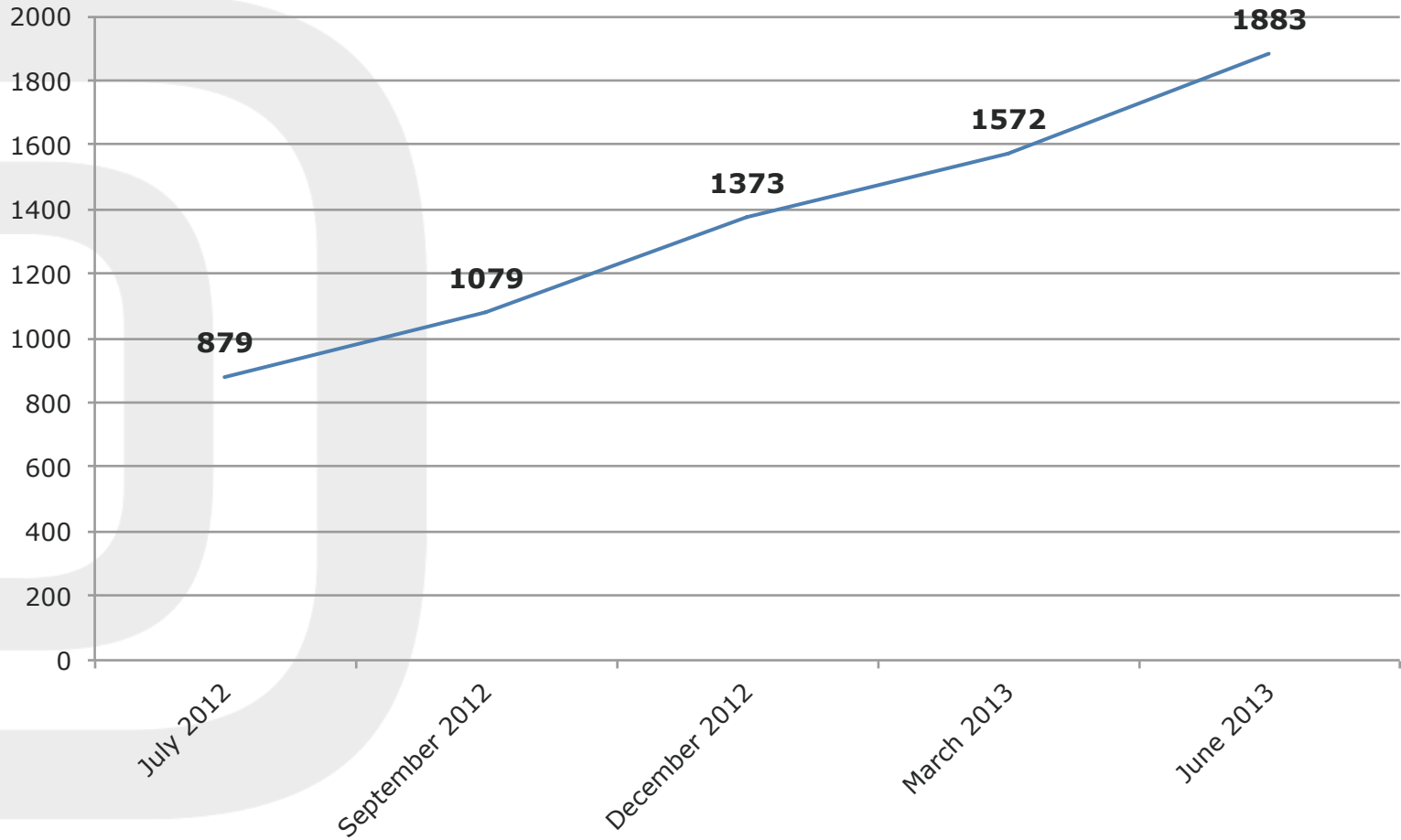


The Present within Neutral Facility

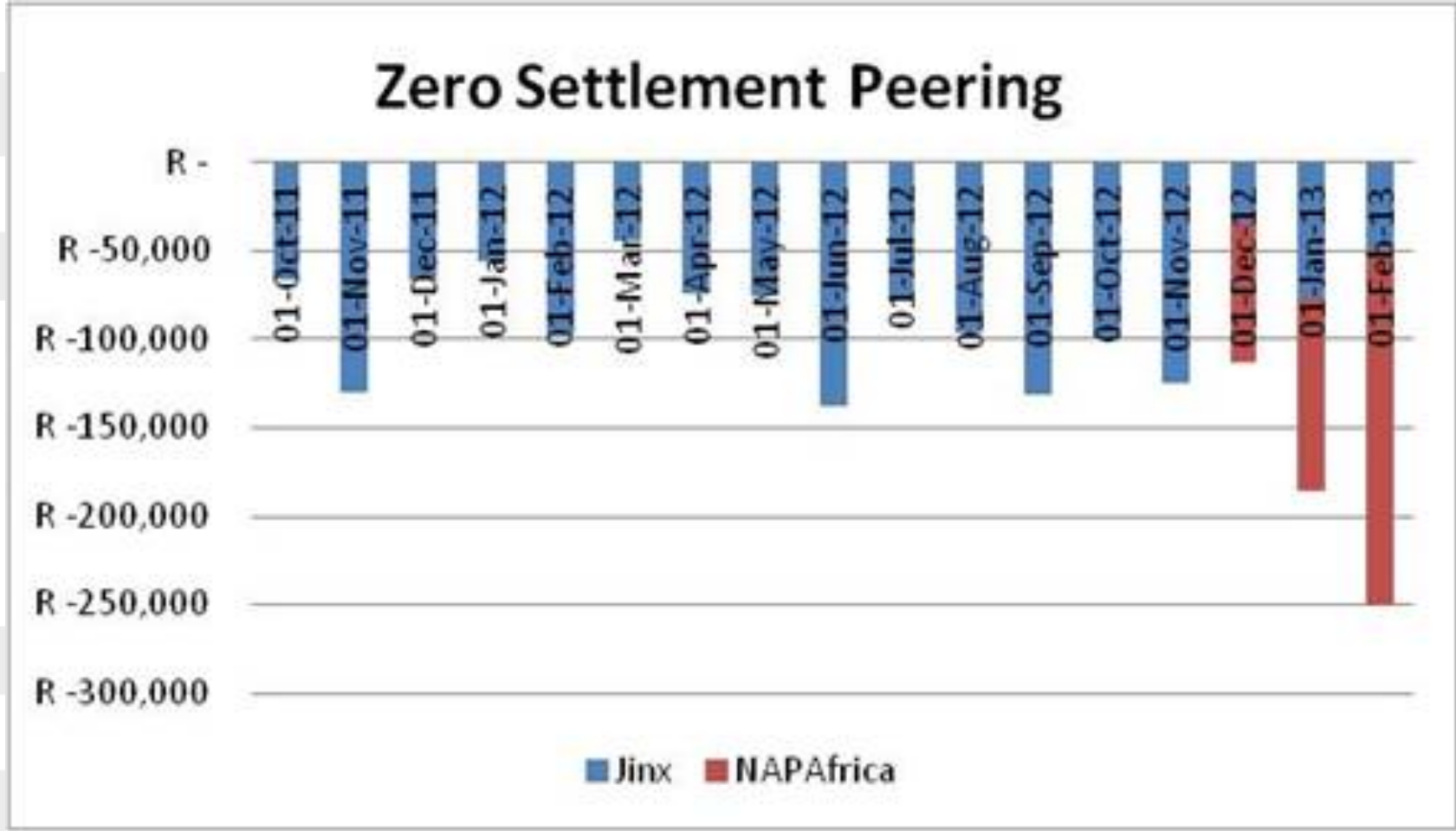


Growth

INTERCONNECTS



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

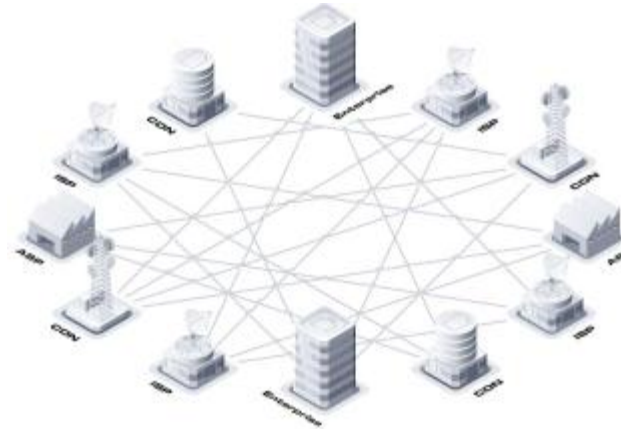
Ecosystem Growth

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.



Connecting without Exchange



Connecting with Exchange
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Thank you