

# Lesotho Internet Exchange Point LIXP

Puseletso Putsoane

[admin@lixp.org.ls](mailto:admin@lixp.org.ls)

Puseletso.putsoane@vodacom.co.ls

# Where are we?

Population: 2,067,000

Size: 30,000 km<sup>2</sup>  
(11,583 sq mi)



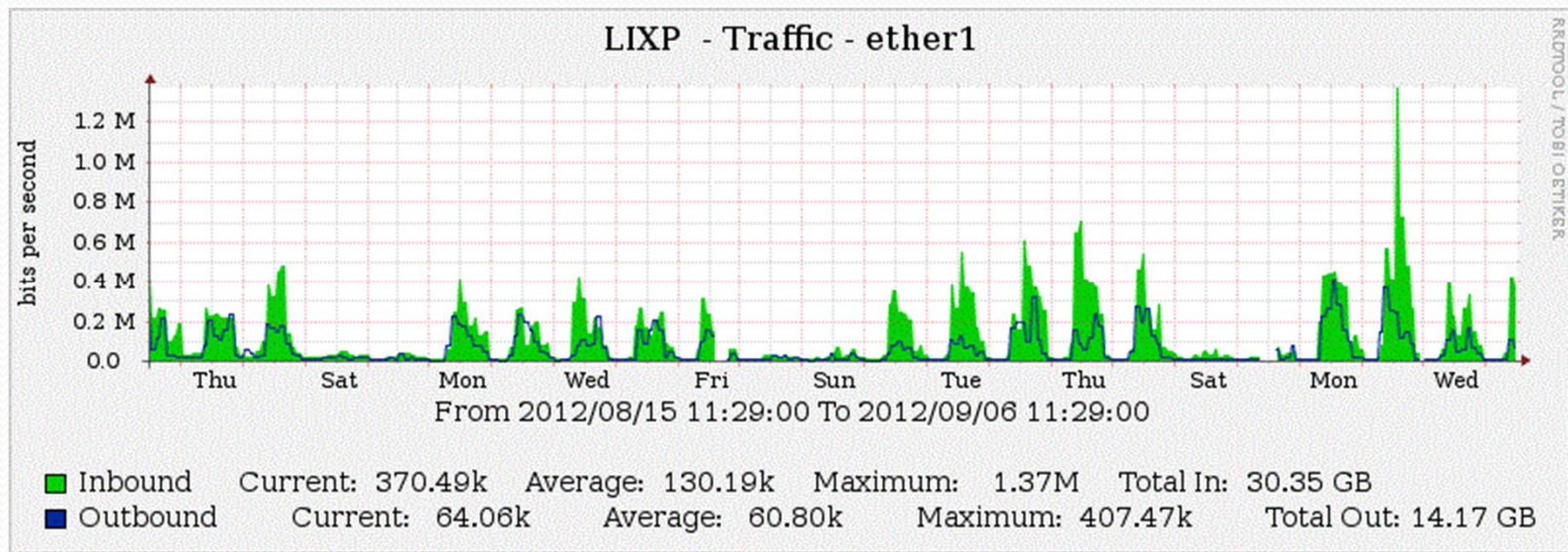


# About LIXP

- Launched from 26 August 2011
- Project initiated by the Lesotho Regulator in collaboration with ISOC.
- Currently have 5 ISP's – of which only two are peering.



# Current Status



- Peak has been 1.37M
- From one of the peering players

# Problems

- We only have **two peers** within the exchange
  - Most ISP's are resellers of the existing two big players.
  - The cost of backhaul has put off some ISPs that would otherwise have connected
- There is **lack of local content**
  - Most people only use their yahoo or Google email
  - Number of internet users is limited
  - Many still host they websites online services on Europe or USA
- Getting the other companies besides the corporates into the exchange e.g Government, Universities.
- **No dedicated staff** for the Exchange Point, thus all human resources allocated to the Exchange are limited.



# Benefits

- **Training & Exposure** – network engineers have had the exposure on training and meetings – AFNOG, AfPif and RIPE, via interacting with ISOC which only started with the establishment of the LIXP
- We are now in the process of adding local DNS for .ls (ccTLD), which was initially being hosted by the neighbouring countries.
- Since the IX, different engineers got to know each other and share ideas. Which has resulted in building an ISOC chapter.



# Where we would like to be

- In the next 24 months we hope to:
  - Increase the number peers – there are two potential entities, which both already have infrastructure at the IX but are not yet peering
  - Finalise policies
  - Address human resource issues
  - Introduce additional services, including:
    - hosting for the ccTLD
    - Transit (details yet to be worked out)
    - NTP
    - Some root server.





# How we can be helped

- Development of a business plan that that will ensure sustainability
- Establishment of hosting services for .ls
- Hosting Root servers





# Thank you

- Questions