Beirut-IX

Technical Update

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BIX MOC Member

Introduction

- Beirut-IX was formed in December 2007

- First Internet exchange point in Lebanon

- The objective of Beirut-IX is to be a neutral, open Internet Exchange allowing Service Providers and content providers to exchange internet traffic through a direct or indirect connection to the BIX and its members

Introduction

- The Beirut-IX was made possible by:

  - Cisco Systems
    www.cisco.com

  - Partnership for Lebanon
    www.partnershipforlebanon.org

  - Packet Clearing House
    www.pch.net

  - The Professional Computer Association
    www.pca.org.lb

  - Berytech
    www.berytech.org

How to be a member

- Requirements:
  - Be a legal Entity
  - AS number
  - BGP Speaking router
  - Sign connection agreement

- Members' List:
  - http://www.beirutix.net/members-list.htm
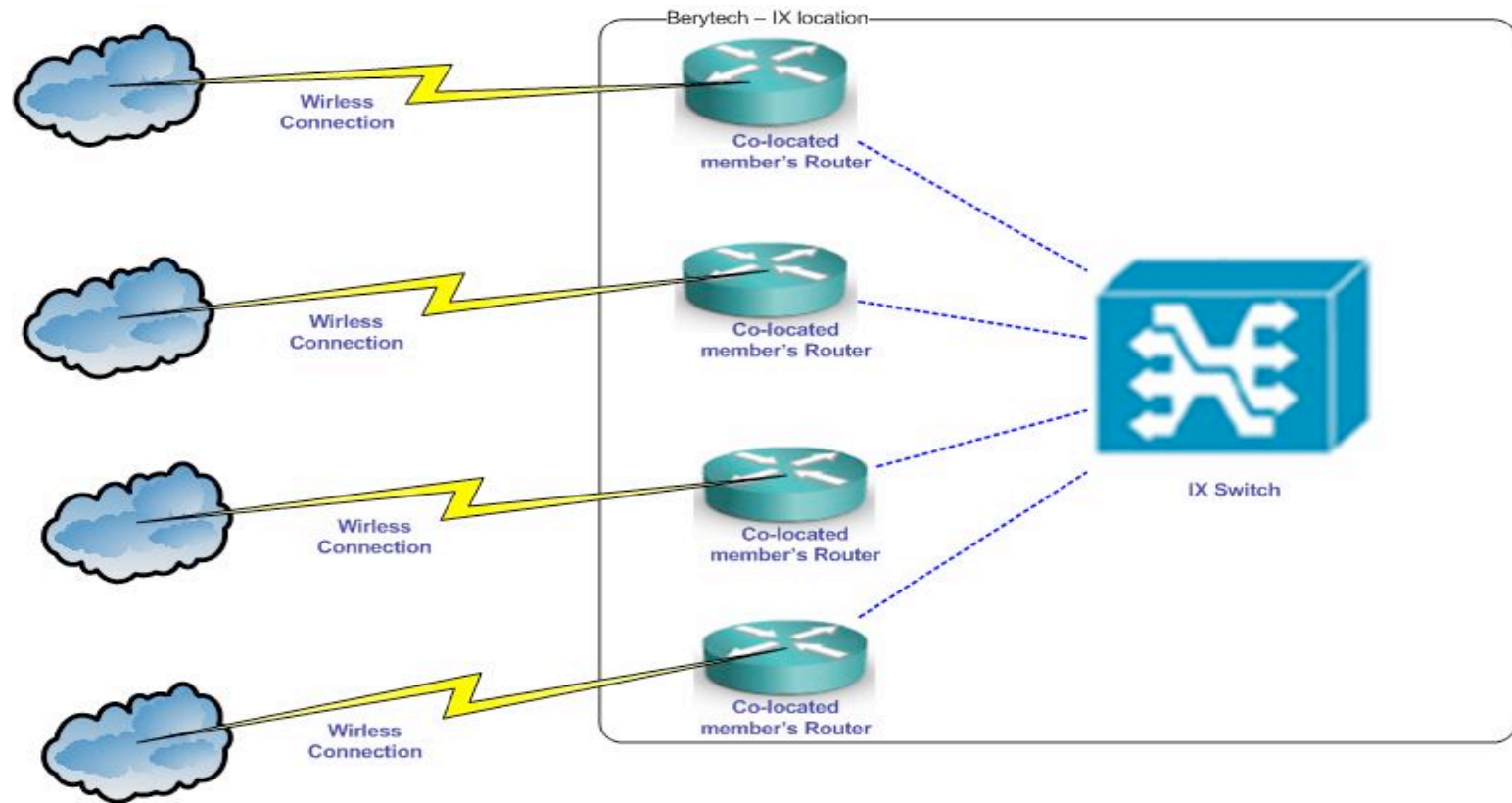 - 10 Members

BIX Routing

- Members use their AS numbers and IP address assigned by Ripe

- Interfaces connected to the IX use IP addresses assigned by the IXP MOC

- Bilateral peering between IX members

BIX Benefits

- Peering decreases Bandwidth cost: Optimum utilization of International Bandwidth

- Improving quality of service: Traffic between ISPs has lower latency

- Provide basic infrastructure for .lb and other government initiatives
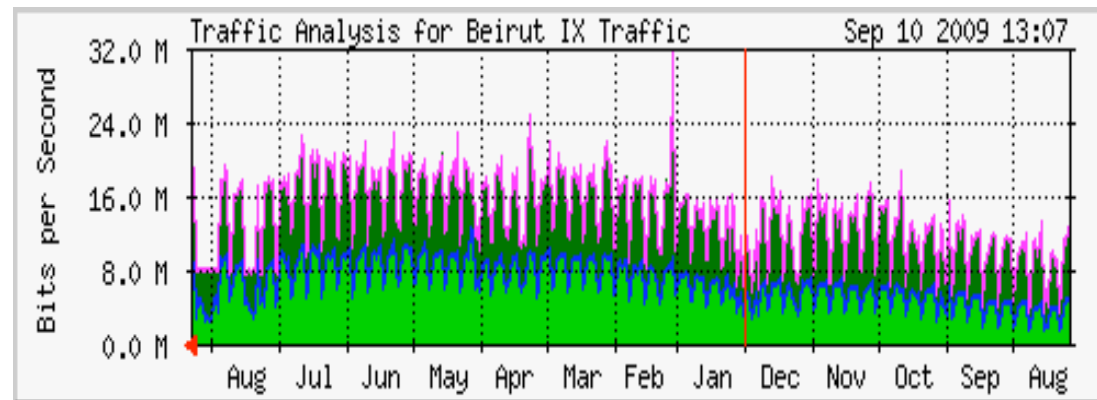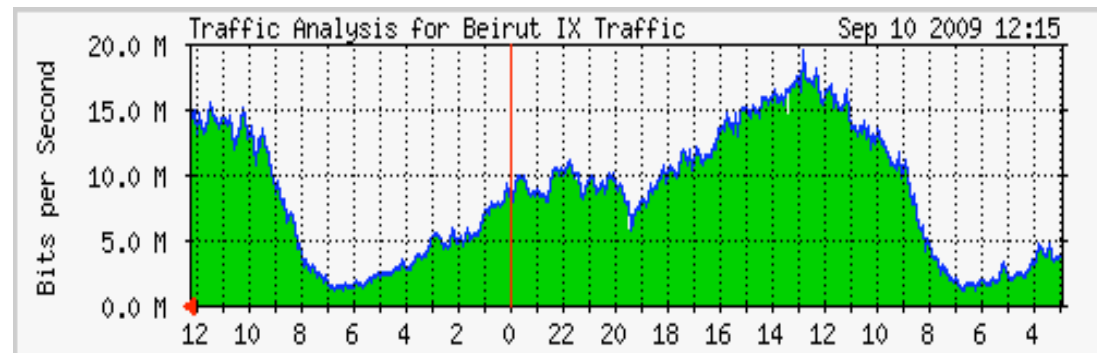
- Stimulate the growth of local content

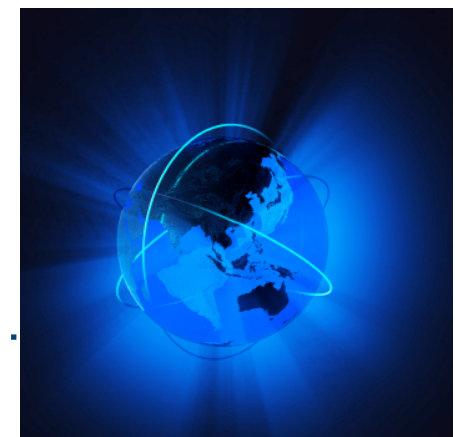# *Connectivity*

Statistics

- BIX Traffic doubled during the last year

Future Plans

- Move from wireless to Fiber

- More members
  - Not only ISPs
- Local internet based applications
  - Universities, governmental, ..
- Content
  - Local Newspapers,TVs, Akamai, Google…

Thank you

http://www.beirutix.net