



# Philippines X-Peering

APOPS @ APNIC22  
Kaohsiung, Taiwan



## Current situation

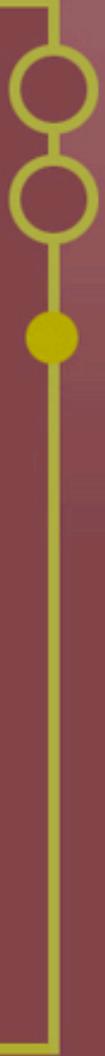
- No common exchange
- IX's are owned by Telco's
- Mostly caters to own customers
- Local traffic goes International
- Limitation on bandwidth
- No statistics available
- Operating only for political reasons

# Current peering providers

- PhIX - Philippines Long Distance Telecom (PLDT)
- Globe IX (GIX) - Innove Communications
- MIX - Eastern Telecom
- NGIX - Bayantel
- ePLDT - PLDT for Gaming/Content IX



# Our goal

- Have a common Exchange point
  - Eliminate bandwidth connectivity issues between Telco's
  - Provide better statistics
  - Localize traffic
    - IX's, ISP's
    - Content providers
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# Our solution

- Setup a common peering point for local traffic “PHv46X”
    - Address the barriers
    - Let local traffic be local
  - Provide more access to local content providers
    - Government networks, gaming providers etc.
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# PHv46X

- An initiative of PHNOG and ASTI/DOST
- Will soon be setup (Mid September 2006)
  - Thanks to Innove Communication, Cisco and PCH, Consulintel
- Services
  - v4 and v6 peering
  - v6 tunnel broker
  - Route views
  - Access to root-server (to be confirmed with APNIC)
  - AS number for non-ISP members

## PHv46X (cont.)

- Services
  - Access to Route Server
  - Training for the members
    - IPv6 protocol
    - Exchange services orientation
    - Collaboration training with APNIC and PHNOG
      - Internet Resource Management
      - DNS
      - Routing v4 an v6

# PHNOG

- Philippines Network Operators Group

- Non-profit organization
- Currently have 30 members from 20 different organization
  - Website - [www.phnog.org](http://www.phnog.org)

- Activities

- Skills enhancement of members and non-members, e.g. training and development

# ... ASTI/DOST

- Advance Science Technology Institute / Department of Science and Technology
  - Government organization
  - Research group focused on information technology advancement



Questions?

