



# IPv4 Address Renumbering and Route Servers Upgrade



**Tentative Migration Date: 12-15 Jun 2015 (Fri-Mon)**

***\*\*\*Please save this important date on your calendar\*\*\****

*\*Announcement will be made real soon\**

## IPv4 Address Renumbering

- Network mask will be changed to /21 from /23, for accommodating future growth
- ALL participants must change to **NEW** IPv4 addresses, away from **202.40.160/23**
- **Parallel run of old and new IPv4 addresses only during the 4-day migration period, having learnt from experience of other IXPs**
- MLPA: New route servers will support new IPv4 addresses while existing route servers will support old addresses, but IPv6 will be handled separately
- BLPA: Individual participants have to coordinate with their peering partners directly
- *No change to IPv6 addresses*

## Route Servers Upgrade

- The two existing route servers running on 6513s will be decommissioned
- New route servers will be installed at HKIX1 and HKIX1b (the two HKIX core sites)
- More route server features will be supported later



# Setting up Multiple HKIX Satellite Sites



- To be named HKIX2/3/4/5/6/etc
- Allow participants to **connect to HKIX more easily at lower cost** from those satellite sites
- Open to all commercial data centres which fulfil minimum requirements so as to maintain neutrality which is the key success factor of HKIX
  - ISO27001 requirement
  - Minimum size requirements
  - Requirements on circuits connecting back to the two HKIX core sites
  - Non-exclusive
- Intend to create win-win situation with satellite site partners
- **Contact us if you are interested in this**
- *NOTE: HKIX1 and HKIX1b (the two HKIX core sites) will continue to serve participants directly*