HKIX General

- Supports both MLPA and BLPA over layer 2

- Supports IPv4/IPv6 dual-stack

- Accessible by all local loop providers

- Neutral among ISPs / telcos / local loop providers / data centers / content providers / cloud services providers

- More and more non-HK participants

- >190 ASNs connected

- >340 connections in total
  - >65 10GE connections

- ~280Gbps (5-min) traffic at peak

- Annual Traffic Growth = 30% to 40%

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HKIX in 2013

- Have started simple port charge model since 1 Jan 2013
  - E/FE/GE – US$120/port/month (with no one-time charge)
  - 10GE – US$1,000/port/month (plus one-time charge)
- Still not for profit
  - Target for fully self-sustained operations for long-term sustainability
- To establish Dual Core within CUHK by end of 2013 taking advantage of the new data center in CUHK campus
  - HKIX1 site + HKIX1b site (fiber distance: <2km)
  - Provide site resilience, chassis resilience in addition to card resilience
  - Support 40GE/100GE connections
  - 2-tier architecture for scalability

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