UPDATE FROM LEARN

Nimal Ratnayake, LEARN

Internet2 SA-SIG Meeting, April 2009
Current statistics

- 27 Member institutions
  - 16 Full members (15 universities and the UGC)
  - 11 Affiliate members
    - MoHE + 1 academic institution under UGC
    - 2 academic institutes under other ministries
    - 1 private academic institute
    - 8 research institutes
- 44 sites connected
  - 2 sites at 34Mbps on fiber
  - 10 sites at 10Mbps on fiber
  - Other sites at 2Mbps or lower
  - 11 sites with multiple links
- 120Mbps commodity Internet with SchoolNet
- SchoolNet now connects 1200 schools
IPv6 deployment

- **IPv6 in LEARN**
  - IPv6 address block 2001:0DF0:0017::/48
  - Core routers now running IPv6
  - Some campus networks also running IPv6
  - Current status at http://www.learn.ac.lk/ipv6/

- **IPv6 BGP peering**
  - IPv6 BGP peering with Sri Lanka Telecom since October 2008
Multicast deployment

- Part of the core multicast enabled
  - Routers connected via point-to-point links
  - Routers connected through the VPLS
- Multicasting in IPv4 and Ipv6
- Test streams
- Current deployment status at http://www.learn.ac.lk/multicast/
- Future
  - IPv6 Multicast peering with SLT
  - Streaming educational content
  - Streaming HD content
Looking forward

• TEIN3 Connectivity
  - Q3 of 2009
  - 45Mbps or 155Mbps

• Hosting SANOG in Jan 2010
  - Tentative dates: Jan 23- Feb3
  - Possibility to include a SA-SIG meeting
  - Convenient for those who want to attend APAN meeting in Australia (Feb 7 onwards)