

# **LINX News**

**RIPE53**

**Mike Hughes <mike@linx.net>**

# Exchange Status Overview

---

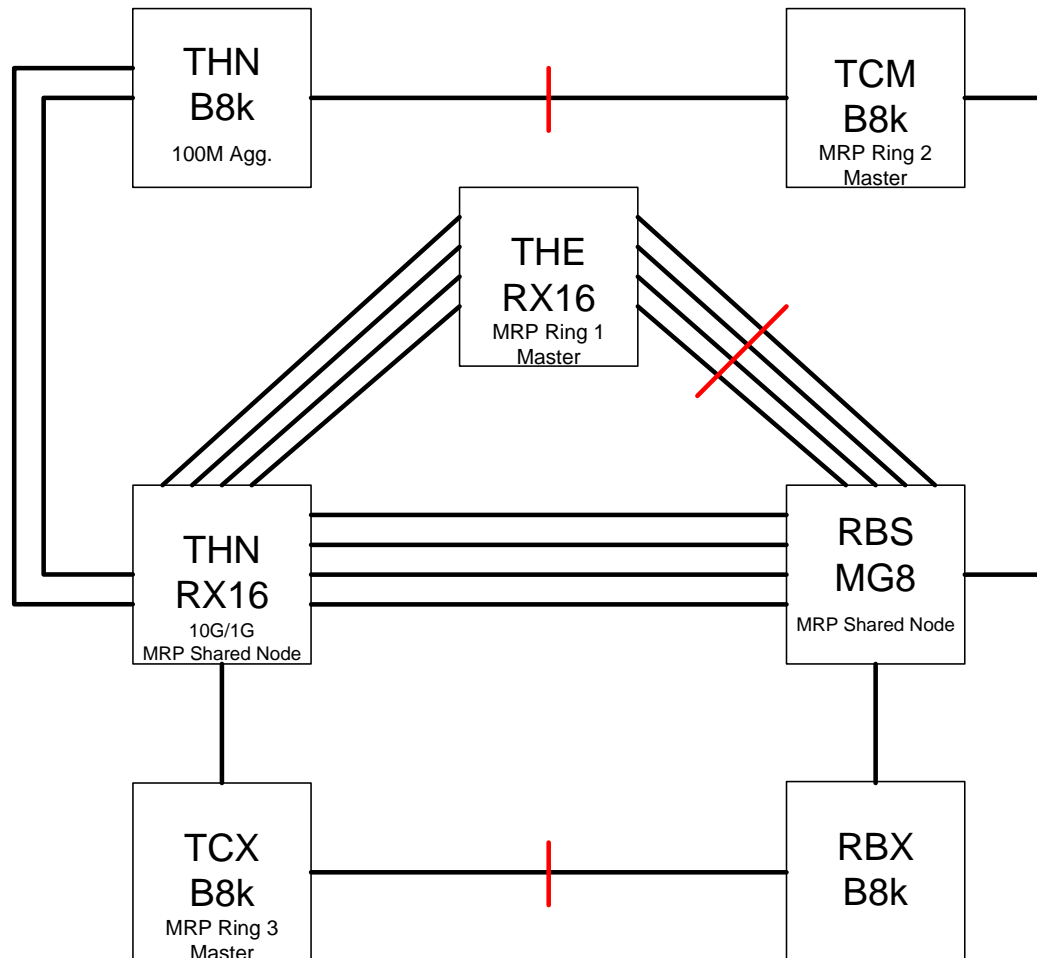
- 230 Members
- Traffic-based fee element was dropped this summer
  - ◆ Back to membership fee & port-based model
- Over 100G/sec now switched across the two switch fabrics
  - ◆ 28 member 10G ports provided
  - ◆ Double that number in 10G interswitch ports

# Heavy Network Maintenance

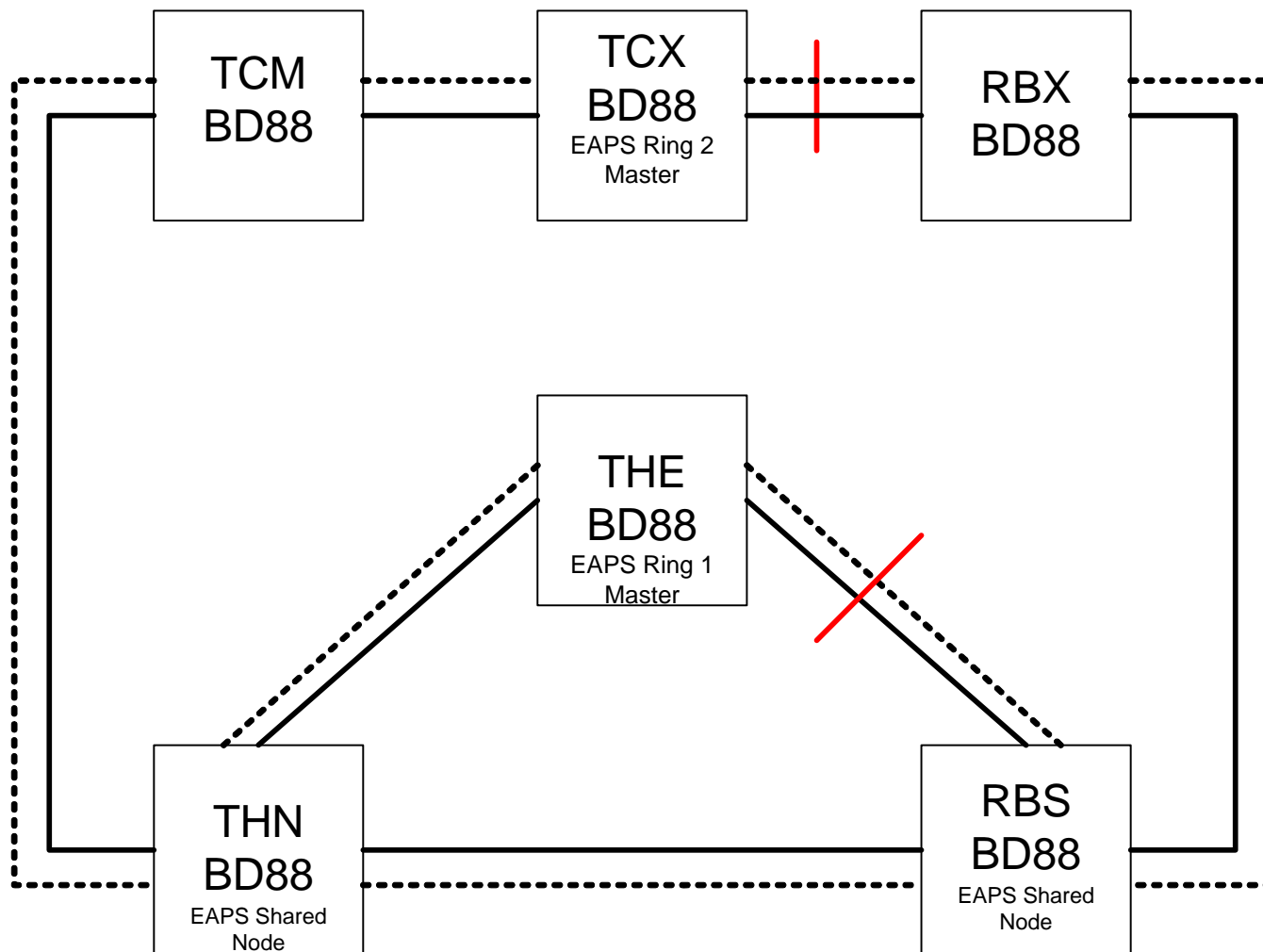
---

- Completed upgrades of both platforms
- Heavy maintenance period May/June/July
- Extreme network
  - ◆ Completed replacement of all BD6800 series with BD8800 switches
- Foundry network
  - ◆ Installed two Foundry RX16 switches
  - ◆ Upgraded software on all other switches
- Carried out backbone reconfigurations
- Highly concentrated – multiple slots each week

# Foundry Network Diagram



# Extreme Network Diagram



# Cable Management Challenges

- Big chassis like RX16 pose cable management challenges
- We designed two management jigs and had them fabricated



# Cable Management Challenges

- Big chassis like RX16 pose cable management challenges
- We designed two management jigs and had them fabricated



## Ongoing work in 2006

---

- sFlow
  - ◆ Continue and complete work in this area
- Multicast
  - ◆ Increase in multicast interest in the UK
  - ◆ IPTV delivery (e.g. BBC, plus others)
  - ◆ Activate PIM snooping on Multicast VLAN
    - Collapse separate multicast switch onto main Foundry platform
    - Deploy Extreme multicast VLAN



# Forthcoming Events/Meetings

---

- **LINX 55 EGM**
  - ◆ 20<sup>th</sup> November, London
  - ◆ For discussion and approval of 2007 budget
- **European Peering Forum**
  - ◆ 29<sup>th</sup>/30<sup>th</sup> November, Frankfurt
  - ◆ In association with AMS-IX and DECIX
- **UKNOF 5**
  - ◆ 26<sup>th</sup> October, London

## Plans for 2007

---

- Further expand networks inline with demand
  - ◆ Applies especially to Extreme network
- Replace all Foundry JetCore hardware
  - ◆ Provides for easier network management
- Develop and strengthen transport network
  - ◆ Facilitate easier intersite PNI
    - Important given 100G is some way off...

# Questions?

---