



LINX Update

RIPE 51 EIX-WG

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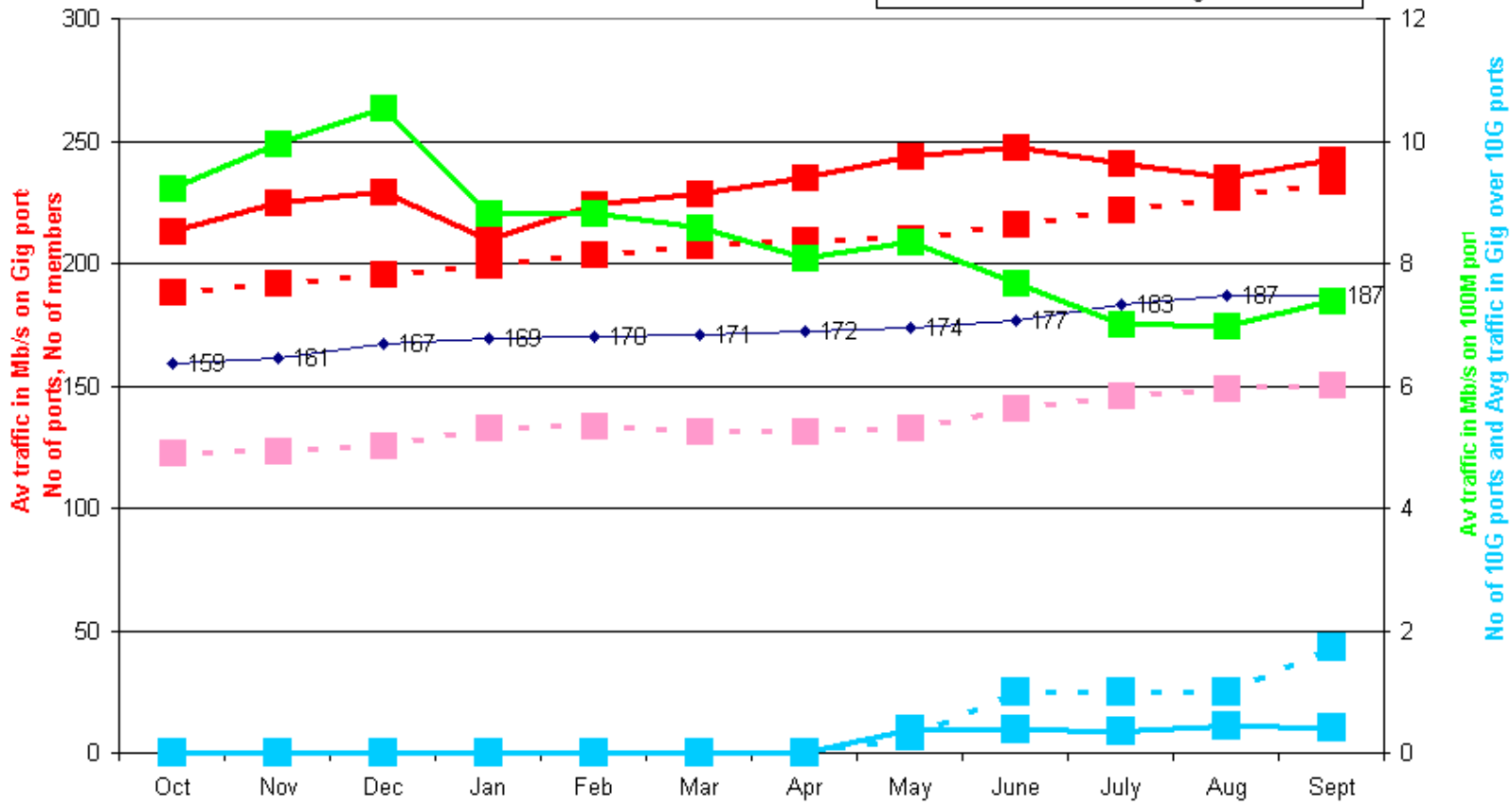
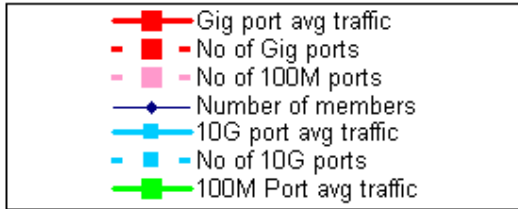
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LINXTM

IX Status

- Now 188 members (186 connected)
 - Continuing steady growth trend
- Growth in 10G connected members
 - Now 3 10G members connected

Average traffic by Port,
Port numbers and All traffic



Extreme Platform Upgrade

- Will be upgrading this platform in coming months
 - Starting December 2005, to complete before Summer 2006
 - Existing hardware has been around for 5 years
- Driven by the following needs
 - Member 10G port demand
 - Member 1G port demand – requiring a denser switch
 - Interswitch/intersite interconnectivity needs requiring link-aggregated groups >10G

Extreme Platform Upgrade (2)

- Evaluation process started in 2004
- Eliminated down to two possible switches
- Extreme's BlackDiamond 8800 was chosen
 - Met technical criteria
 - Existing strong relationship with Extreme
 - Good local support
 - Easier upgrade path

Multicast

- Renewed interest in Multicast
 - BBC announcement of TV content via Multicast
 - Some streams are currently available here at RIPE 51
- ISC admitted into Associate Membership
 - ISC now responsible for Greg Shepherd's project to "fill the gaps" in the multicast internet

Route Aggregation

- Old, long standing rule in LINX MoU.
 - Wasn't actively enforced - "do the right thing"
- Decision taken by LINX Council to make it enforceable or drop it
 - Route Aggregation Policy (aka "RAP")
- LINX Membership voted in August to drop it
 - Instead encourage best practice (RFC2519)
 - Donate LINX draft "RAP" to RIPE Routing-WG
- The message was "Don't interfere in routing"

Other Projects

- Currently deploying port security
 - Protects network against problems caused by broken equipment
 - Been running on 10G ports already
- Collecting sflow from Foundry network
 - Use for traffic engineering
 - Make available to members to assist with their own engineering

Questions?



LINX