

Operations Update



i n e x
i n t e r n e t n e u t r a l e x c h a n g e

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Key Numbers



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- 64 trafficking members
- 38 members have IPv6 route collector sessions



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- ~1k IPv6 routes on route collector
 - ~325 available from members with open policies



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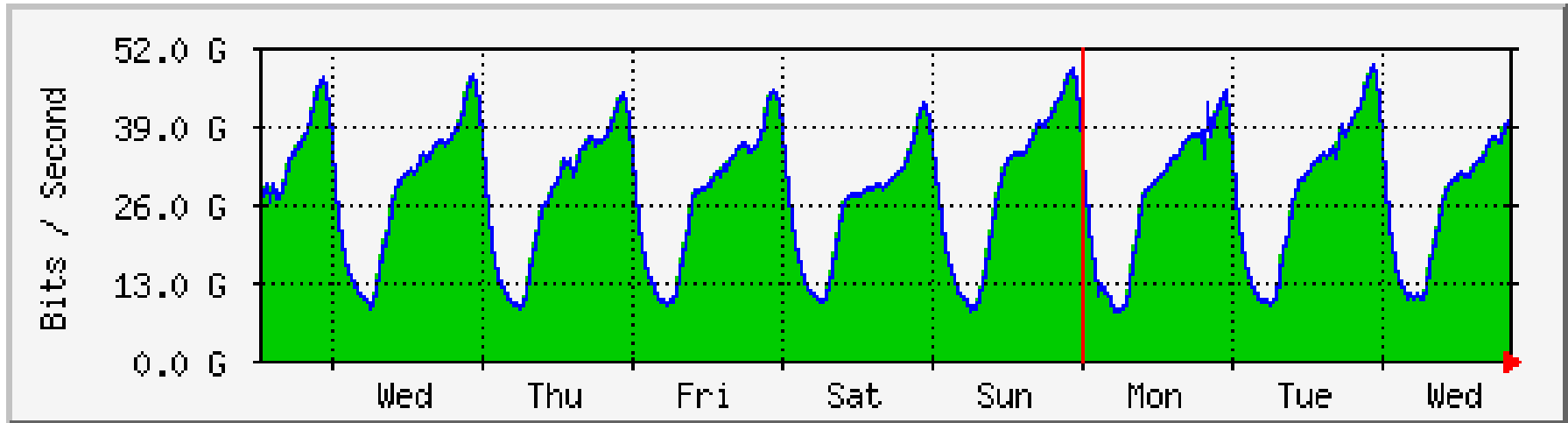
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 - ~325 available from members with open policies
- 53 IPv4 route server sessions (>80%)
- 36 (29) IPv6 route server sessions (76% active)



Traffic Graphs

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Operations Summary – Member Updates



i n t e r n e t n e u t r a l e x c h a n g e

● **New Connections:**

- Lightnet (AS43406, KCP & CWT, 1Gb + 100Mb)
- Telcom (AS60277, TCY-KCP, 100Mb)



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Upgraded / Changed Connections:

- Amazon (TCY-CWT, LAN1 to 20Gb)
- Atlas (TCY-KCP, LAN1 to 1Gb)
- Bitbuzz (TCY-KCP, LAN1 to 1Gb)
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- *Servcentric* (TCY-CWT, LAN1 to 1Gb)

IXP Manager - Updates



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IXP Manager - Updates



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IXP Manager - Updates

i n t e r n e t n e u t r a l e x c h a n g e

- Live at LONAP since this summer
- Live / testing at:
 - IIX Peering (US / Canada)
 - GRNET
 - WAIX
 - NWAX
 - SOX
 - Canadian IX's via CIRA
 - IX Leeds
 - BCIX
 - Gambia IX (and other African IXPs)

IXP Manager - Updates



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- Route Server Prefix Analysis Tool

IXP Manager - Updates



i n t e r n e t n e u t r a l e x c h a n g e

- Route Server Prefix Analysis Tool
- User / contact consolidation
- Reseller support
- Customer notes, contact groups
- Port reports on errors / discards
- Routing Registry database via BGPQ
- Smokeping integration

IXP Manager - Updates



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- Lots of documentation!
- Integrated config generators
 - AS112; route collectors;
 - Smokeping; MRTG;
 - Nagios; DNS ARPA.

Route Server Upgrades



i n t e r n e t n e u t r a l e x c h a n g e

- Forklift upgrade due by end October
- Original servers - Dell SC1435
 - Purchased 2007
- New servers are Dell R320s



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- BGP software:
 - Euro-IX Quagga branch
 - Bird

Other Updates



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- Cacti replaced with Observium
- Netdot
- Production switch failure – swi1-tcy1-3
- LAN1 FESX -> NI CES



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 - Technical list
 - Members list



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- Vodafone Clonshaugh



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