

# SwissIX Update #13

SwiNOG#29 – 5. November 2015

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## **Members**

- 158 Active Members connected

## **Ports**

- 180 Active Member Ports
- 44 10G Member Ports (+2 in Setup)

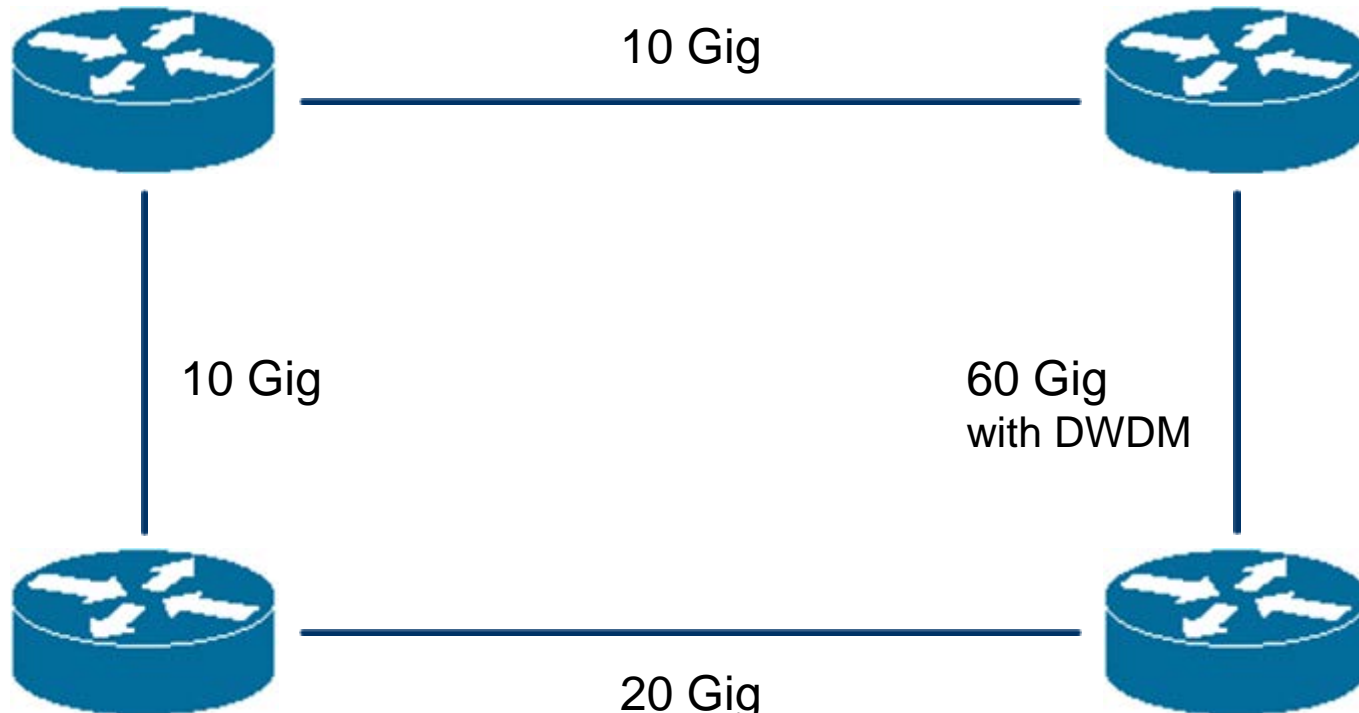
## **Capacity**

- Total Peering Capacity approx. 570 Gbps
- ZH4 – GLB: 60 Gbps

## Core Network Now:

e-Shelter

Interxion



ColoZürich

Equinix

## Recent Changes

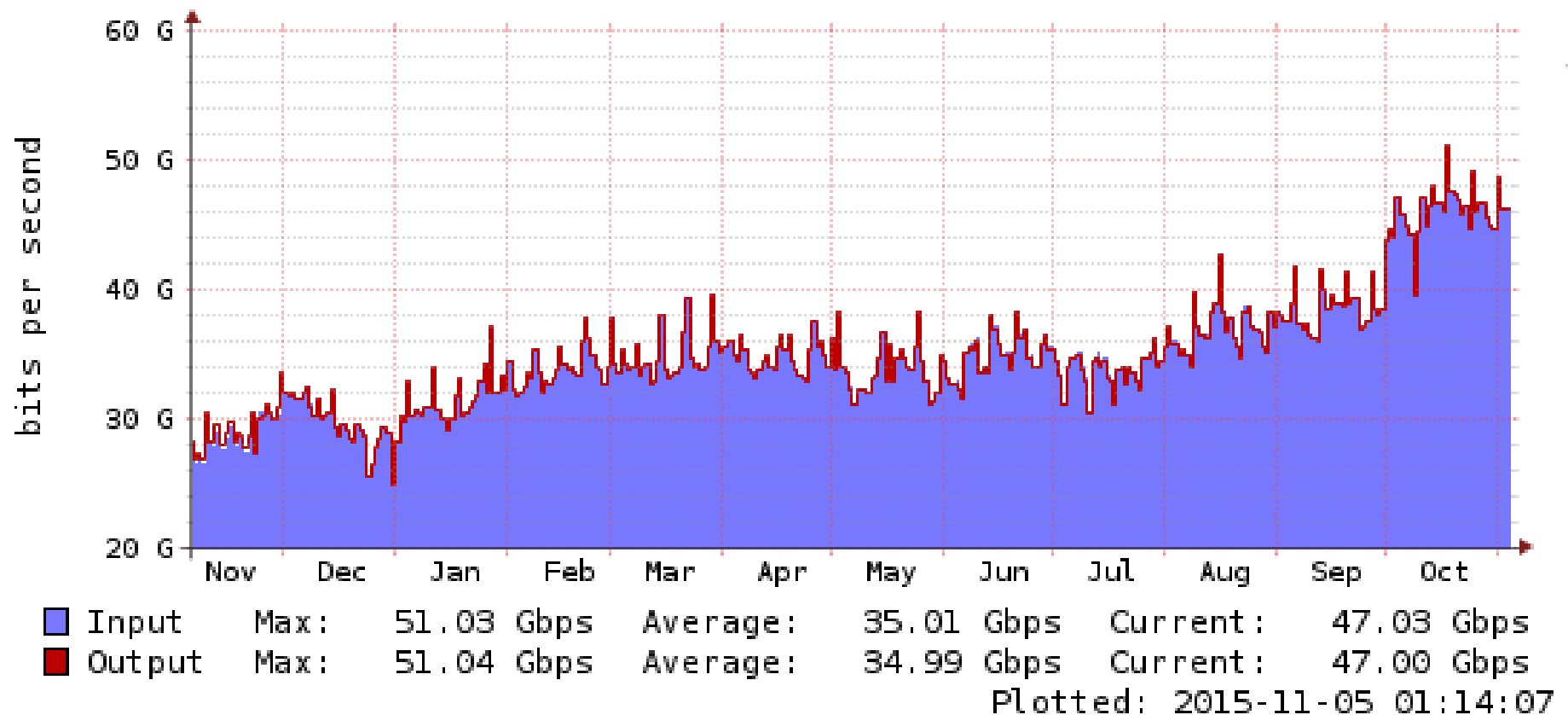
- RIPE Atlas Anchor Host
- RIPE k-root Instance (via RS)
- RIPE RIS Collector Host (please peer directly)
- Improved JSON Data Export
- Availability of BiDi Optics (1G and 10G)

## **New 10G Members (added 60G in one Month)**

- Akamai is back with 10G
- Microsoft Upgrade from 10G to 20G
- Cyberlink Upgrade from 2G to 20G
- Nine Upgrade from 10G to 20G
- Cloudflare is up with 10G

## Traffic Growth

Yearly graph of total aggregated traffic



# What's Next?

## SwissIX2020



## **Project SwissIX2020**

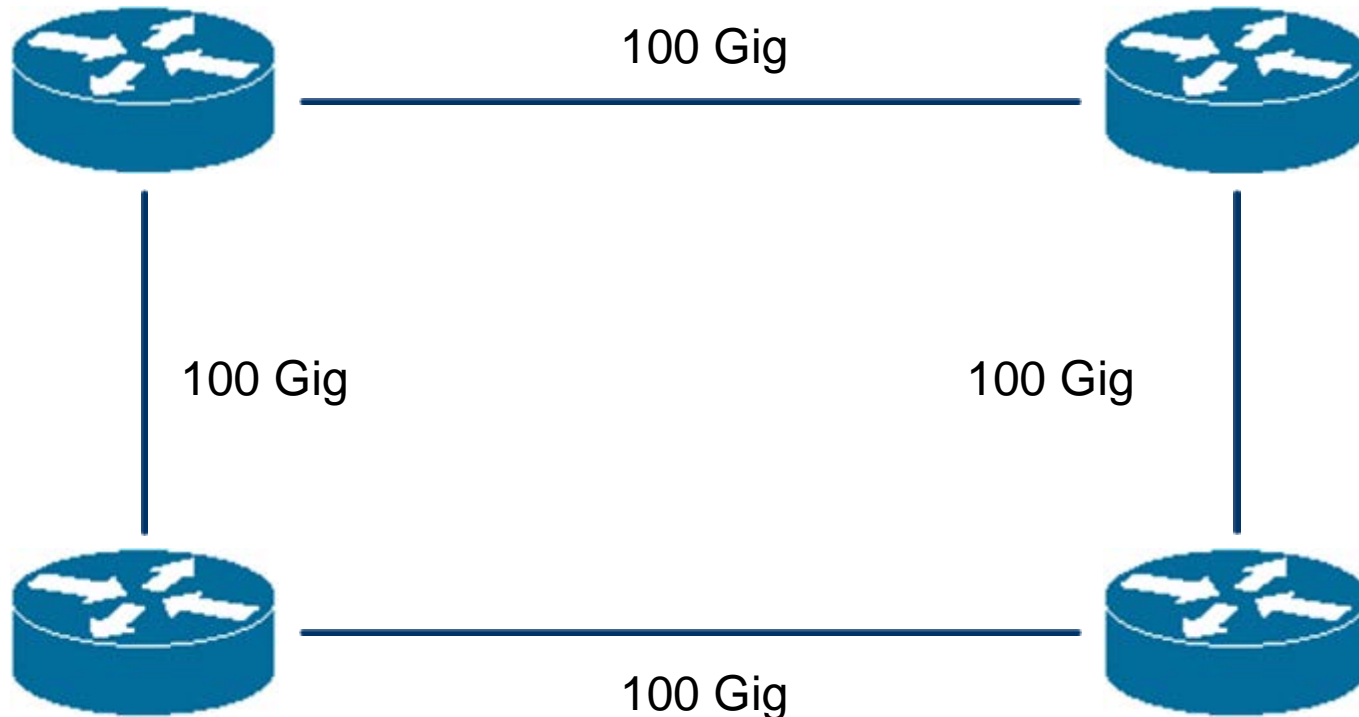
- Current Hardware Platform is EoL
- Rising Traffic
- Increasing Traffic between Core Sites
- Upgrade Hardware Platform
- Released RfP in Aug 8, 2015
- Proposals were due Oct 2, 2015
- Finalists: Brocade and Juniper
- PoC Lab upcoming next
- Starting Hardware Replacements after Xmas Freeze



## Core Network SwissIX2020:

e-Shelter

Interxion



ColoZürich

Equinix

## **More new things coming up ...**

- 100G Ports for Peers
- Reseller Ports
- New Route Servers (probably BIRD)
- Deprecation of Multimode Optics (3 Ports left)
- Deprecation of 100M and Copper Ports

## **... busy Fall**

- New Hardware? New Tools!
- Old, homegrown Database and Toolset
- Deploying new Management Tool IXPManger
- Lots of new Features for Peers
  - Peering Manager
  - Peer-to-Peer Statistics
  - More Self-Service
- Streamlined Invoicing => InvoiceNinja

## **Matthias was bored ...**

- New Website
- New, fresh Look
- Responsive Design
- Links to IXPManager (not yet)

- **SwissIX Sites:**

ColoBâle AG

colobern.ch

colozueri.ch

e-shelter facility services (Schweiz) AG

Equinix (Switzerland) Zurich Datacenter

InterXion Switzerland

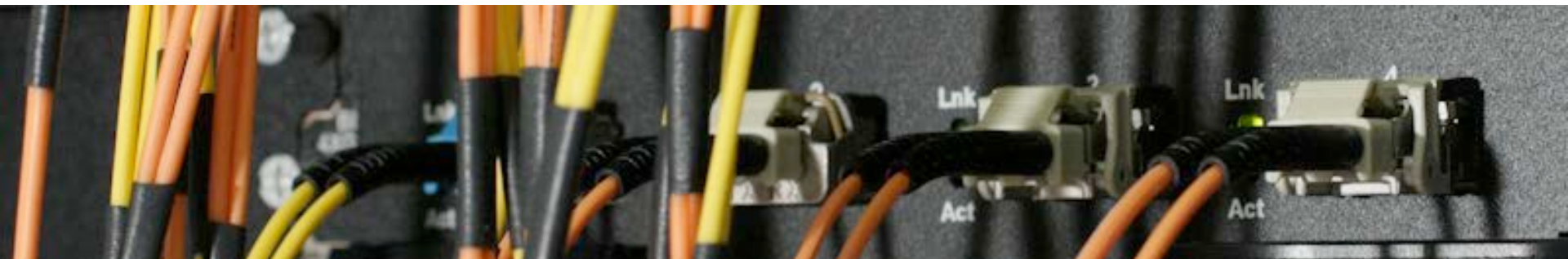
IWB Telekom

Layer One AG (now green.ch AG)

ICT Center Zurich

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IWB Telekom | Layer One AG (now green.ch AG)  
Litecom | nexellent ag | nine.ch | nts.workspace ag



# Questions?



**Beware: Do not stand between a Nazgûl and his prey.**

# Lunch

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