

# SwissIX Updates @SwiNOG32

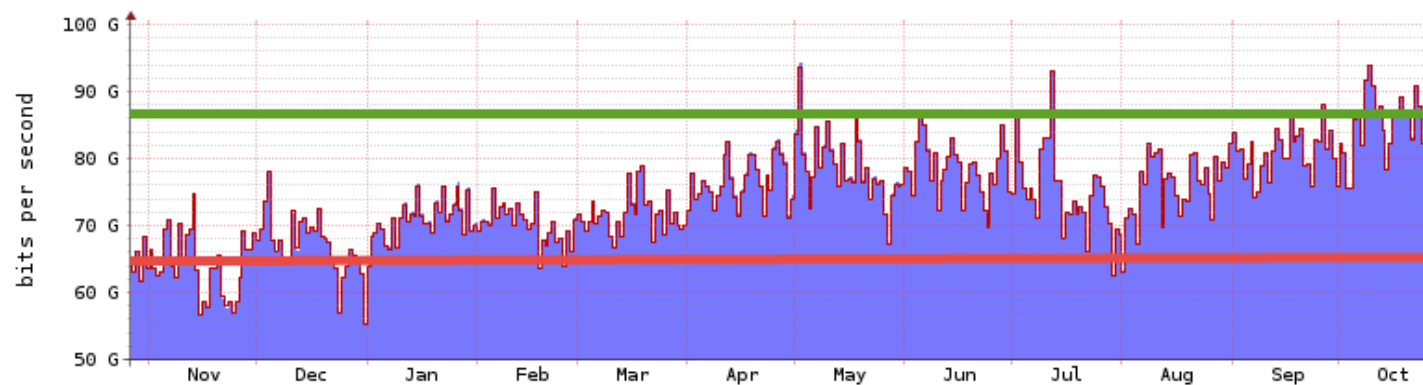
SwissIX Internet Exchange

November 9, 2017, Gurtenpark, Berne



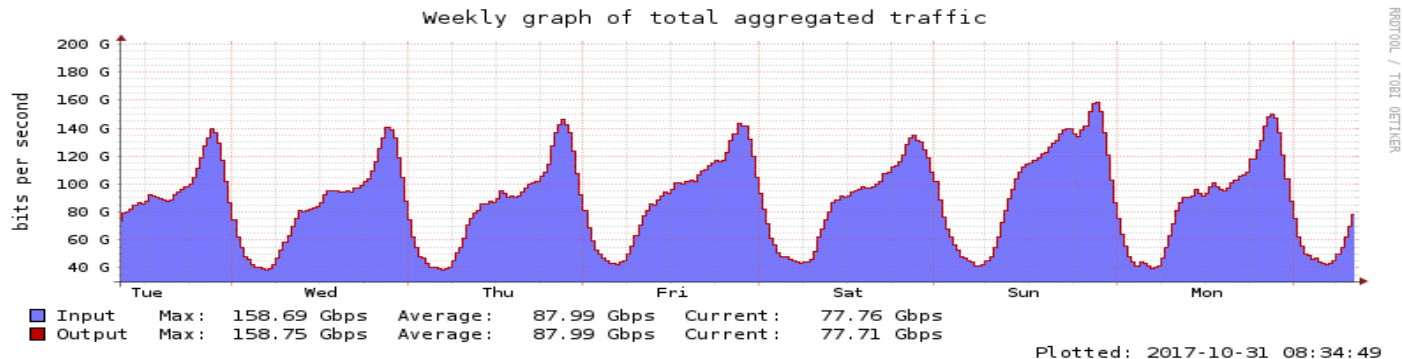
# Traffic

- Aim: "Double the traffic in 12-18 month"
  - requires 3.9%-5.9% growth per month
- Reality
  - November 2016: 65G, October 2017: 87G
  - 2.5% per month, 35% per year



# Peak Traffic

- Weekly peak traffic reaches 160G
- Daily peak around 140G
- Good max/average ratio: 1.8
  - Balanced traffic
  - LINX: 1.5, DE-CIX: 1.61, BCIX: ~3



# Traffic - Analysis

- Restructuring
- Several upgrades and new 10G ports in the last three months
- PNIs are still slowing our growth
- Using IXP as an insurance becomes more common. A lot of spikes for a few hours.

# Traffic – Highlights

- IELO (AS29075) 10G
- Hiag Data AG (AS62320) 10G
- RETN (AS9002) 10G
- Monzoon (AS2488) 10G
- Kantonsschule Zug (AS34288) 10G
- Kabel-TV Lampert (AS59890) 10G

# Route Server

- Make sure that you peer with BOTH Route Servers!
- Don't forget IPv6 ;-)

# News

- We are working hard with high priority on the new route server setup
- Main focus: Complete the restructuring
- "self-service" for our peers still on the road map, for now: [noc@swissix.ch](mailto:noc@swissix.ch)
- First paid employee, Rémy Günter

# Rémy Günter

- Welcome our new General Manager («Geschäftsführer»)
- [remy.guenter@swissix.ch](mailto:remy.guenter@swissix.ch)
- 25 years expertise in IT management, operations and development
- Experienced with reorganization of IT organizations
- Strong commercial background
- Strong technical background





# Christmas 2017 Promo

- Upgrade now / join now!
- Setup fee waived
- No monthly fee till December 31, 2017 for 10G, 1G is free anyway ;-)
- No membership or participation fee for 2017.
- Deadline: December 1, 2017

# Reminder:

## (Free) Redundant Ports

- Available at core sites, only
- At a **different** core site than the primary ports, only
- **One** redundant, free core site **per paid site**.
- Aggregated traffic must stay **below 80%** of the total **capacity of the primary, non-redundant, paid ports**

# Christmas Network Freeze

- December 16, 2017 to January 7, 2018
- Only emergency changes during the freeze
- Make sure to submit requests in a timely manner

# Happy Peering

...und ä Guetä!