

SwissIX Update @ SwiNOG #33

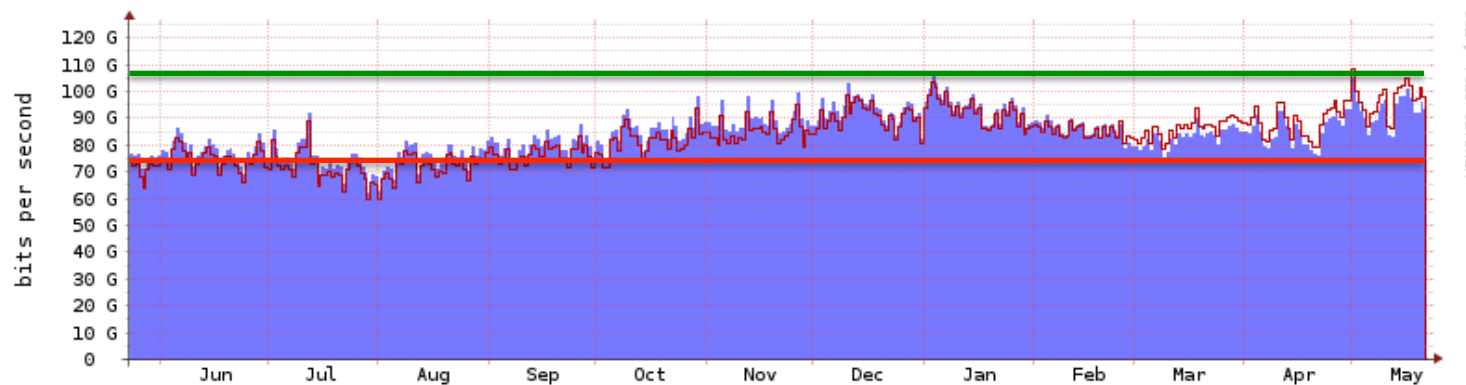
SwissIX Internet Exchange

May 24, 2018, Gurtenpark, Berne



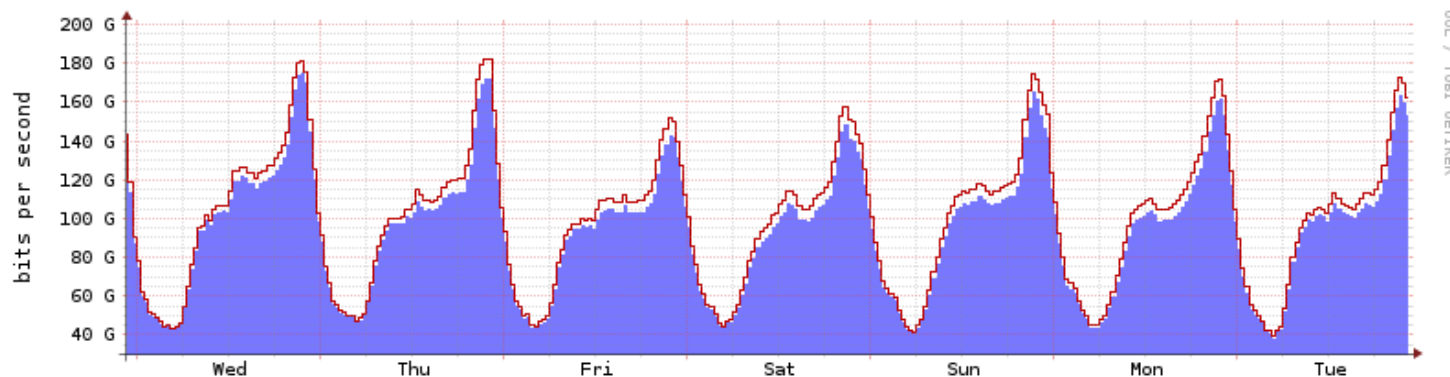
Traffic

- Aim: "Double the traffic in 12-18 month"
 - requires 3.9%-5.9% growth per month
- Reality
 - June 2017: 75 Gbps, May 2018: 105 Gbps
 - 2.8% per month, 40% per year



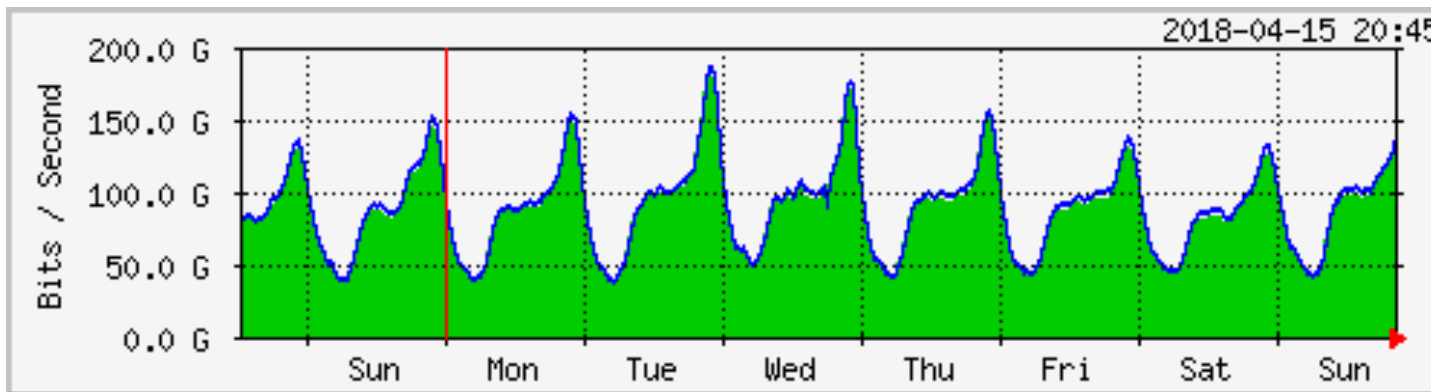
Peak Traffic

- Weekly peak traffic reaches 190 Gbps
(SwiNOG#32: 160Gbps)
- Daily peak around 170 Gbps
(SwiNOG#32: 140 Gbps)
- Good max/average ratio: 1.8



Peak Traffic

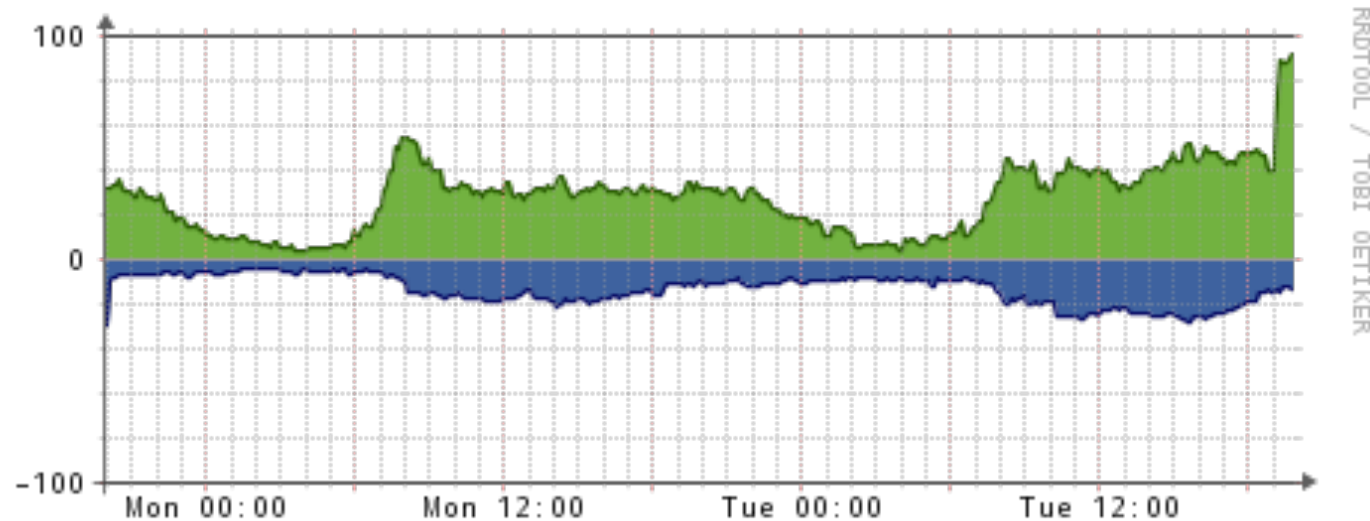
- Noteworthy: Impact of DE-CIX power outage.



Peak Traffic

- Noteworthy: Impact of DE-CIX power outage.

Typical large, international peer:



Port Upgrades – Highlights

- netplus.ch S.A. (AS15547) 20G
- M24Seven (AS9009) 10G
- Netstream AG (AS15517) 80G
- SBB-CFF-FFS (AS31004) 20G
- IP-Max SA (AS25091) 10G

Already in setup: **First Member with 100G Port**

Route Server

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

News

- We are working on the **upgrade of our backbone to 200 Gbps** (next leg upgrade on Saturday)
- Main focus: documentation & onboarding of our engineering partner and 24/7 NOC



IXP Manager, finally!

“Public Beta” IXP Manager

info@swissix.ch

to participate

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**

General Meeting

- June 22nd @ Restaurant Turbinenhalle
(next to colozüri.ch, Badenerstrasse 571)
- Doors open at 14:00 CEST
- **Register by June 18th** at 12:00 CEST:

gv2018@swissix.ch

- Yes, there will be beer... 😊

Happy Peering

...und ä Guetä!