Rheintal

INTERNET EXCHANGE

Rheintal Internet Exchange Update @SwiNOG #38

Thomas Fritz
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- Dedicated technicians running the network and services

Rheintal-IX sites
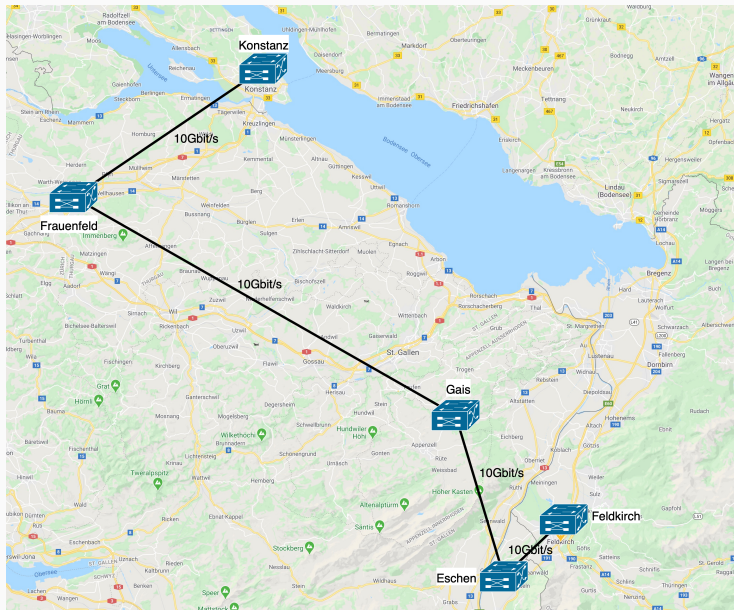
RheintalIX sites

Site Feldkirch (AT)
in the DC Feldkirch

- 6 regional ISPs
- 3 companies
- own server infrastructure
- K-root anycast node
  (operated by RIPE NCC)
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Site Eschen (LI)
in Telefonzentrale Eschen

- 8 regional/national ISPs
- 1 company
- own server infrastructure

Rheintalix sites

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in the RZ Ostschweiz

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- 4 companies
- AS112 node
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- Quad9 node
- {D,E}-root nodes
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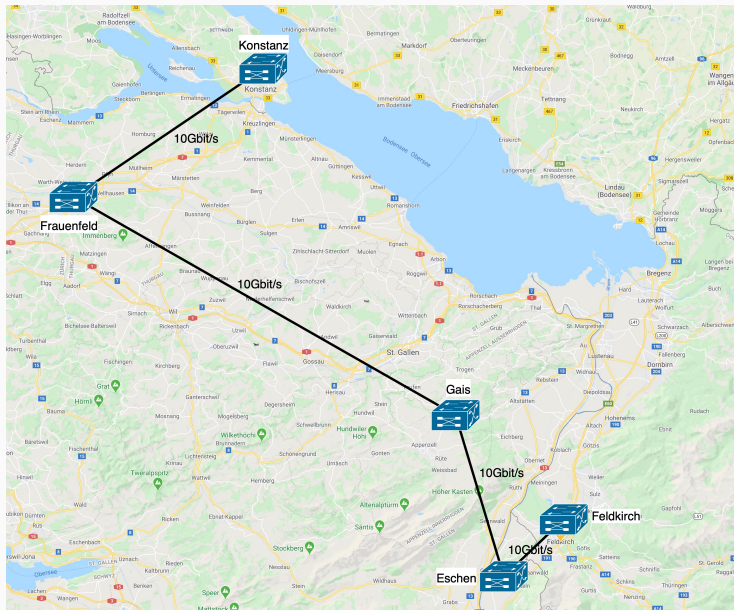- SwissIX Outreach link

Site Frauenfeld TG (CH)
in the DCTG

- 1 national ISP
- 0 companies

Site Konstanz (DE)
in the DC Stadtwerk Konstanz

- 2 regional ISPs
- 1 academic network
- own server infrastructure (planned)

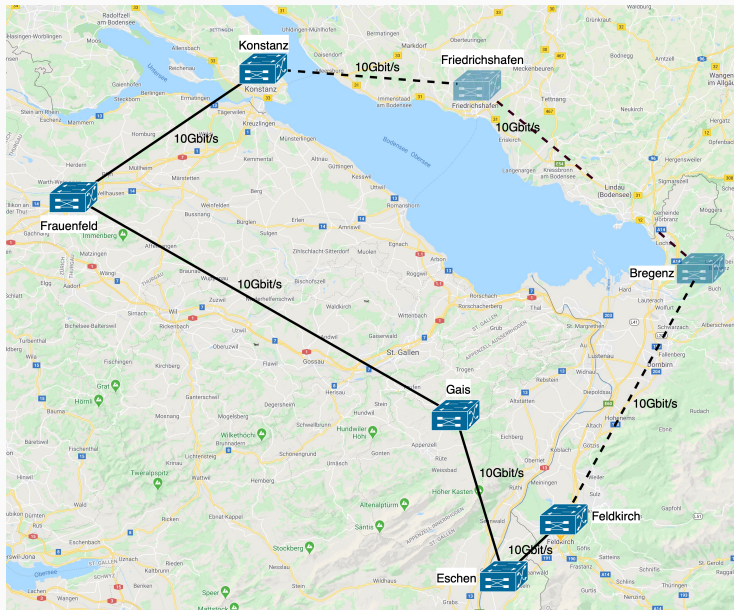# Missing link

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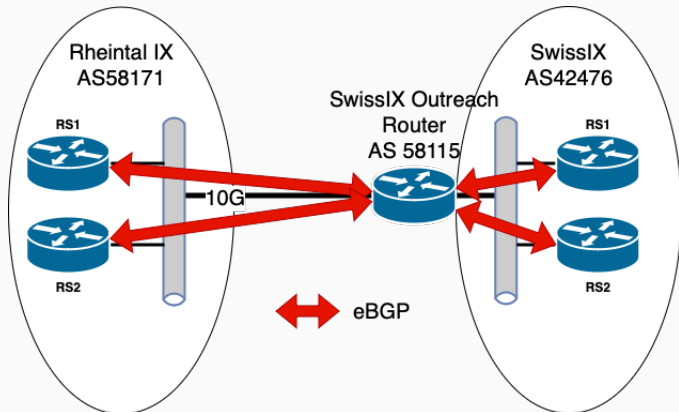
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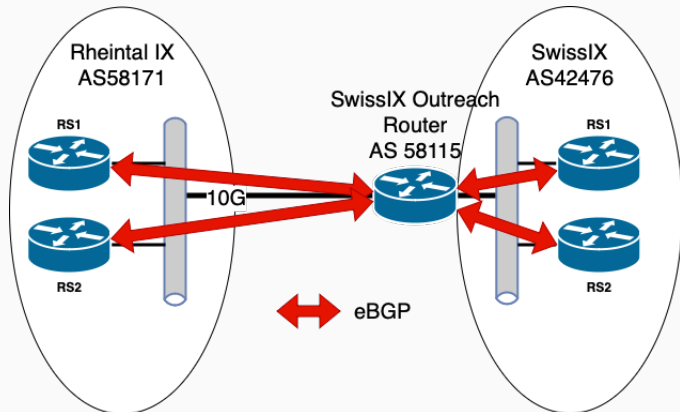- Still a missing link in Lindau
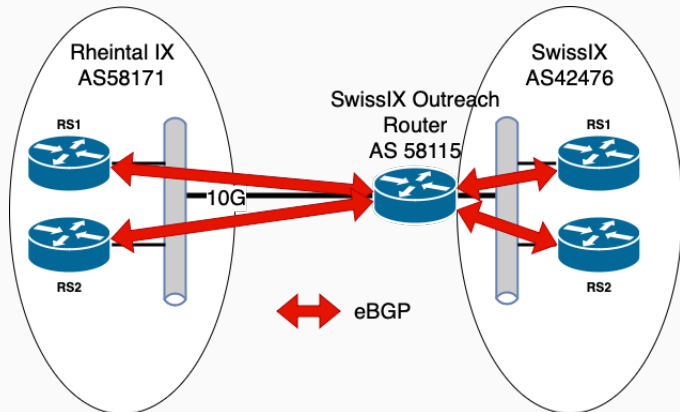
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- We expect traffic to increase when German ISPs come along

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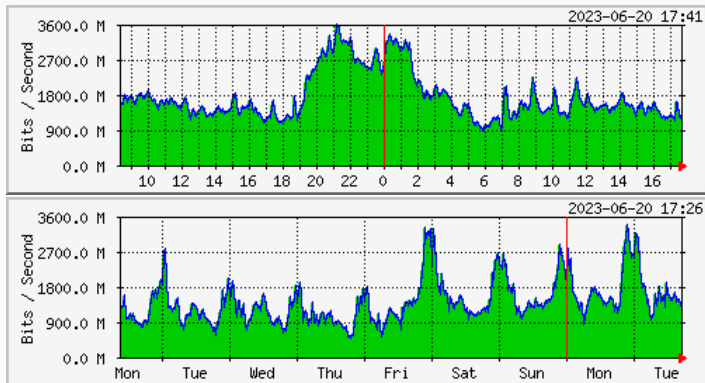
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- Already planning for higher bandwidth in the core

Stats from last year
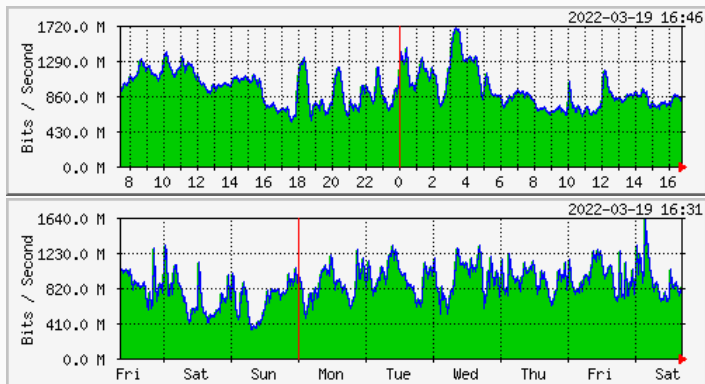
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  - reason was a broken SFP+ flushing the NP on the module with a few millions packets/s

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- Ansible playbook collects that data for a switch and creates the intended config of each interface in "connected" state
- Manual gitlab pipeline, which requires a dry run first, to control the configuration changes on the switch
- If that proves to be correct all the time, we consider to fully automate it

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  - Ironware is …weird…

Any questions?