Rannsókna- of háskólanet Íslands

Maríus Ólafsson
University of Iceland

RHnet

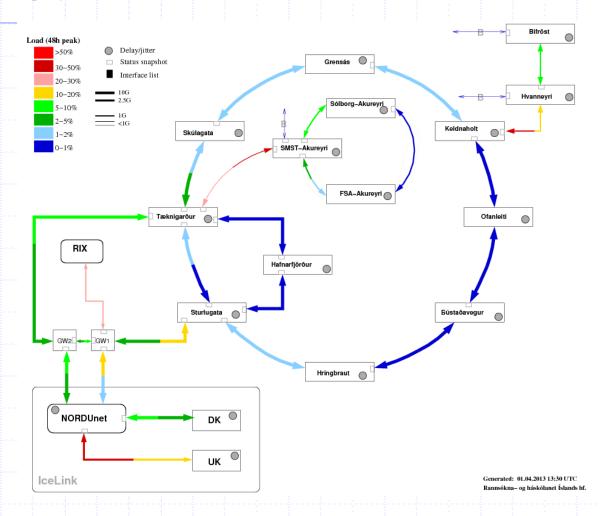
- RHnet established in 2001
 - ISNET 1986-2000
 - Hybrid NREN/Commercial
- Universities and research institutes
 - Secondary schools (Fsnet)
 - No primary schools
- 14 POPs
 - 8 Reykjavík, 1 Hafnarfjörður, 3 Akureyri, 1 Bifröst, 1 Hvanneyri
 - Colocated with members

RHnet

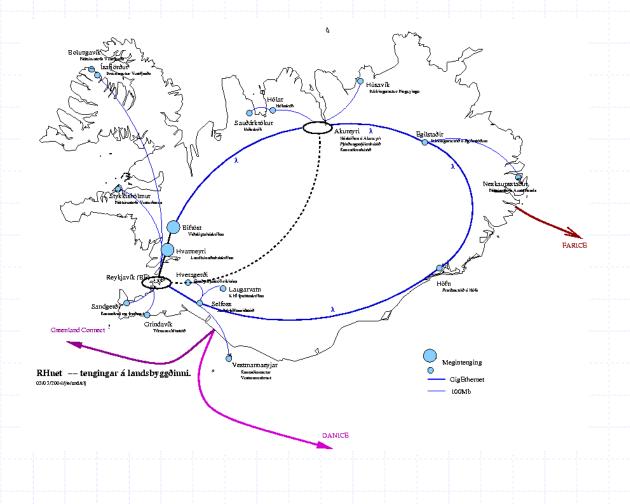
- Two rings, 10Gbs Reykjavik and 1Gbs Akureyri on leased dark fiber
 - 10G leased WL -> Hafnarfjördur
 - MPLS circuits from commercial providers
- Cisco Juniper MX240+Cisco 3560E/3750
- Staff 1.5 FTE 25 members

January 2012

Rhnet



RHnet domestic (planned) layout



January 2012

RHnet

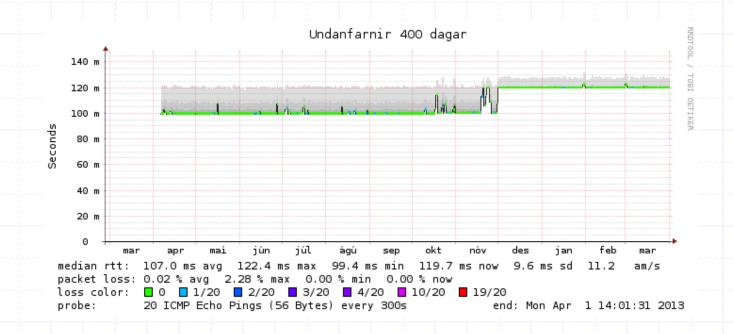
RHnet monitor/management tools

- NAV
- Nfdump/nfsen
- Netdisco
- Smokeping
- RRDtool
- Homegrown mapping

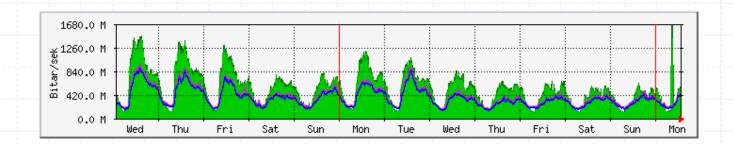
January 2012

RHnet

RHnet latency/packet loss

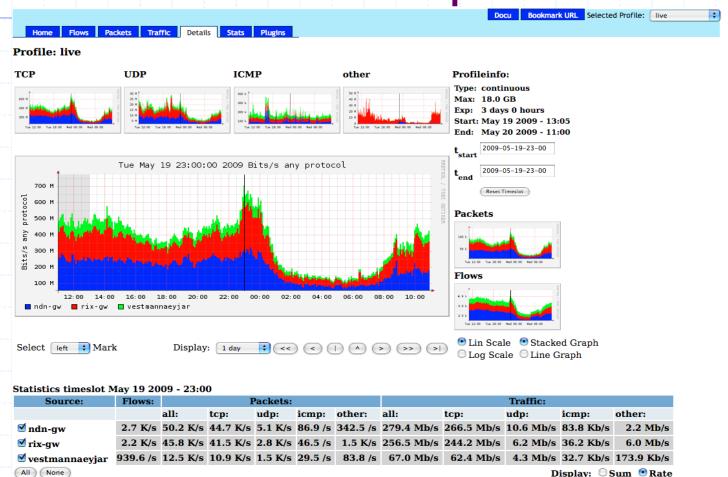


RHnet total traffic to/from NORDUnet

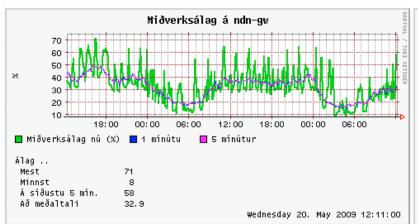


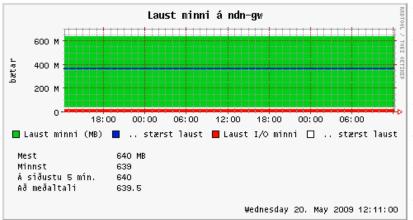
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RHnet flow accounting nfsen/ nfdump



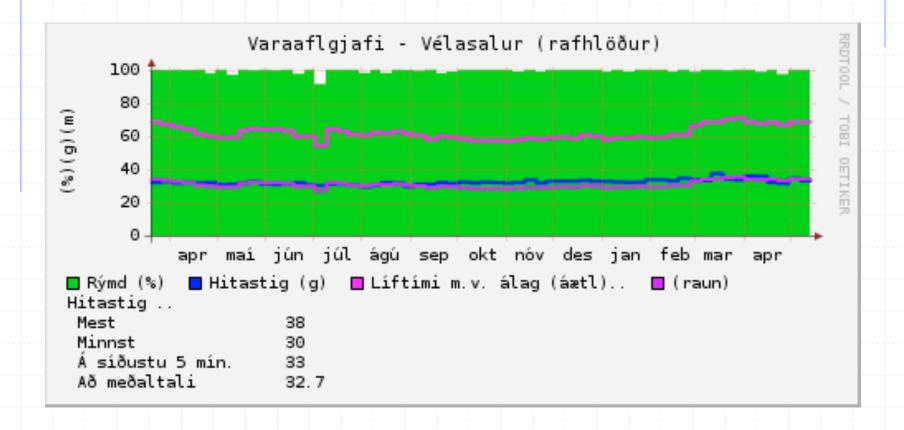
RHnet router status RDDtool



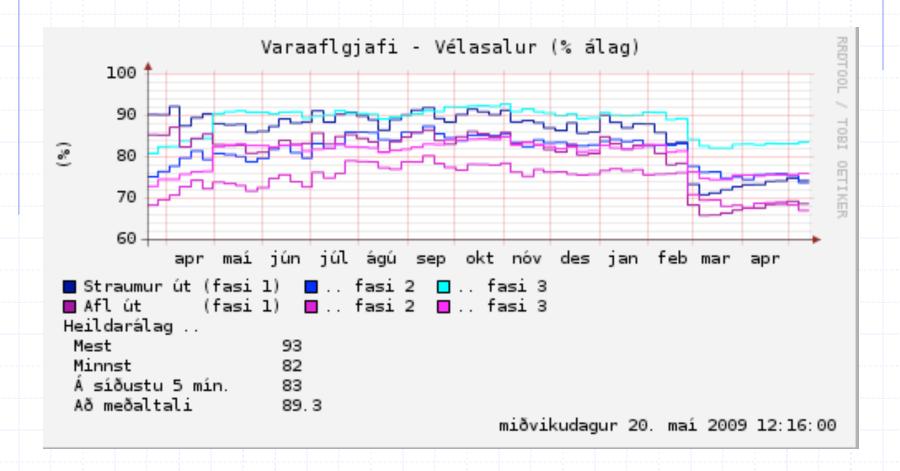


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RHnet UPS status capacity/time on battery/temp



RHnet UPS status current/power



RHnet inventory - netdisco

