

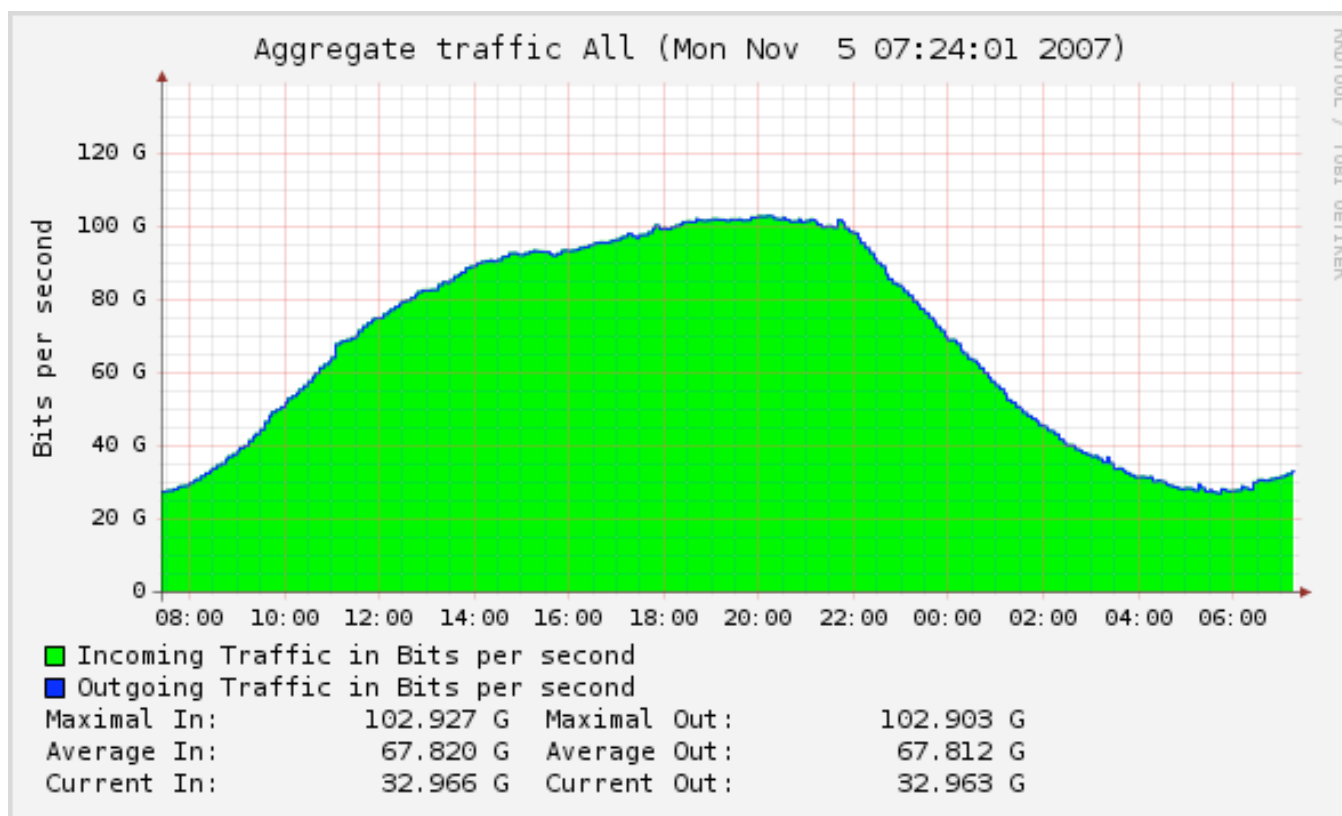
Trafik statistik för Internet i Sverige

kurtis@netnod.se

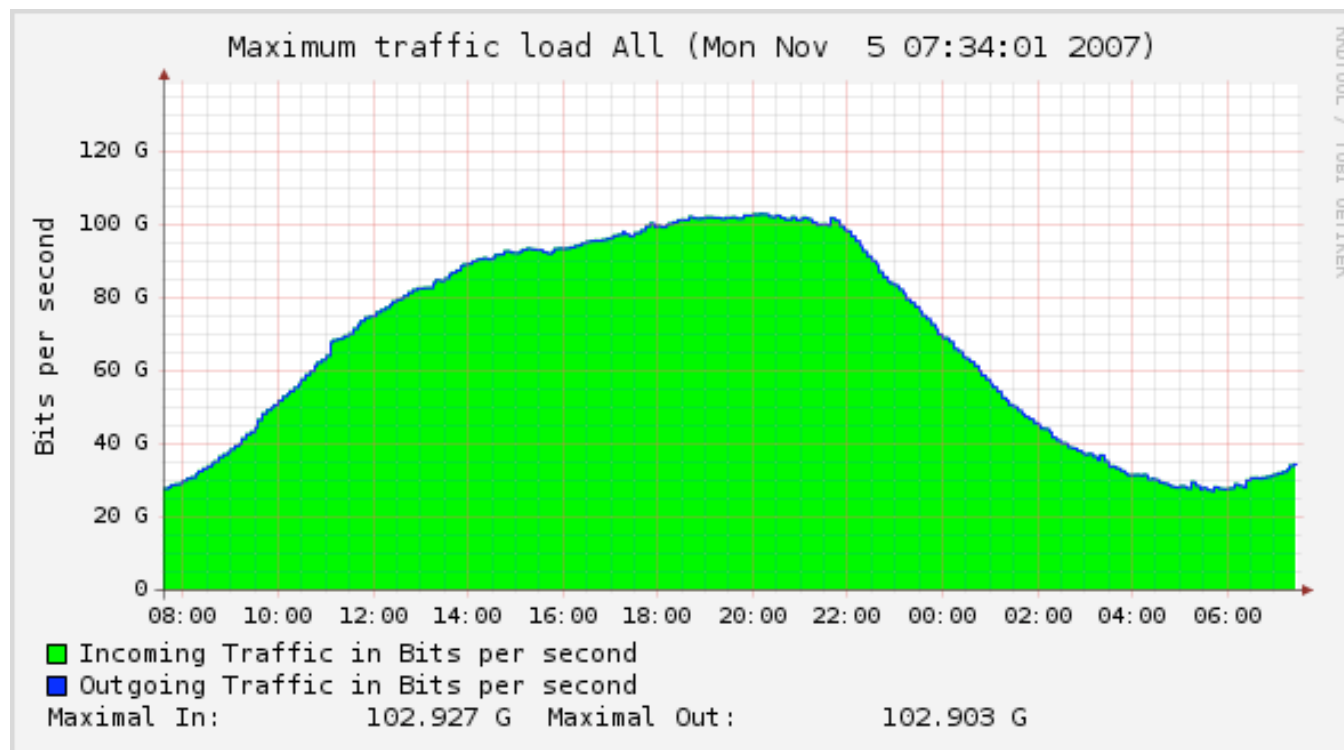
Utblick

- En kort rundvandring över trafik historik
- Lite trend analys
- Vad är det för trafik?
- Jämförelse med resten av Europa
- Intressanta event...

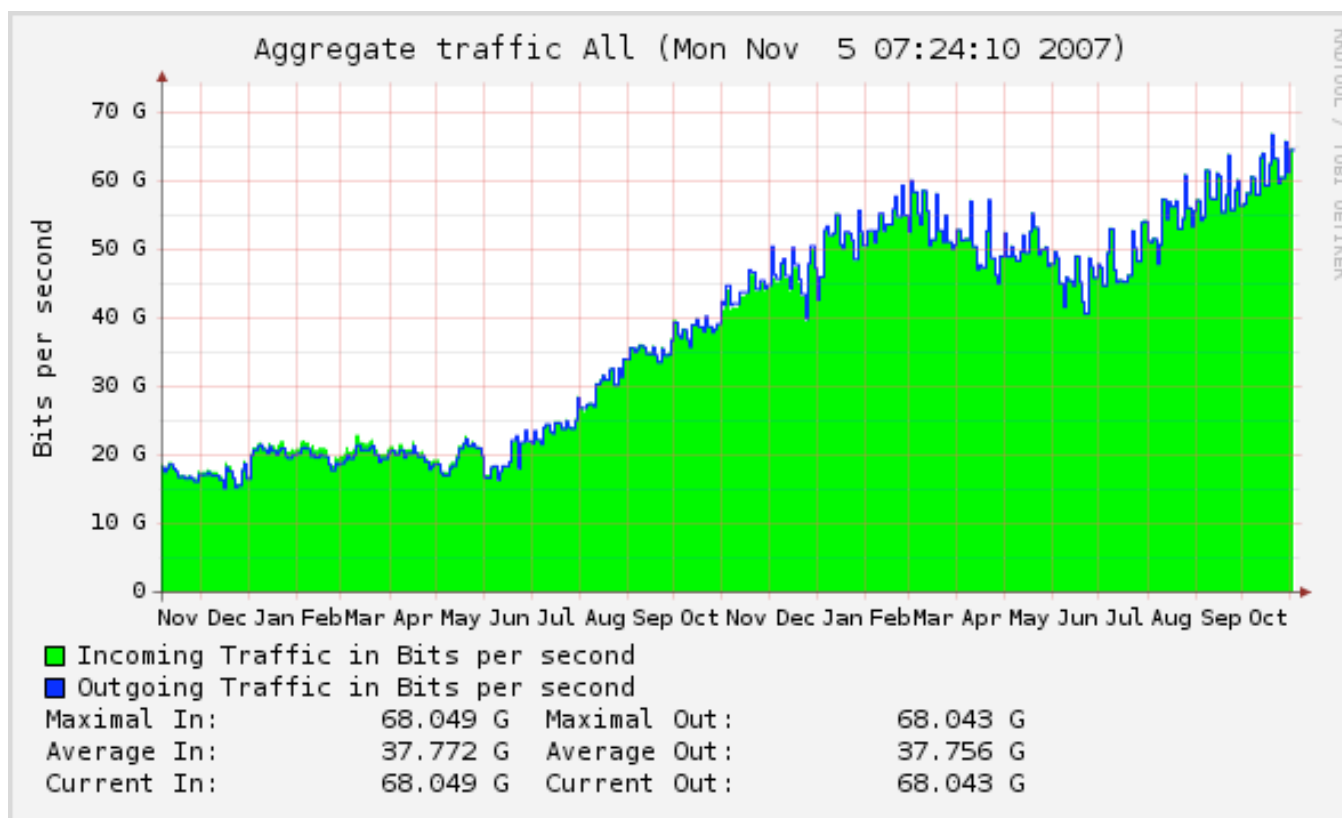
Total trafik



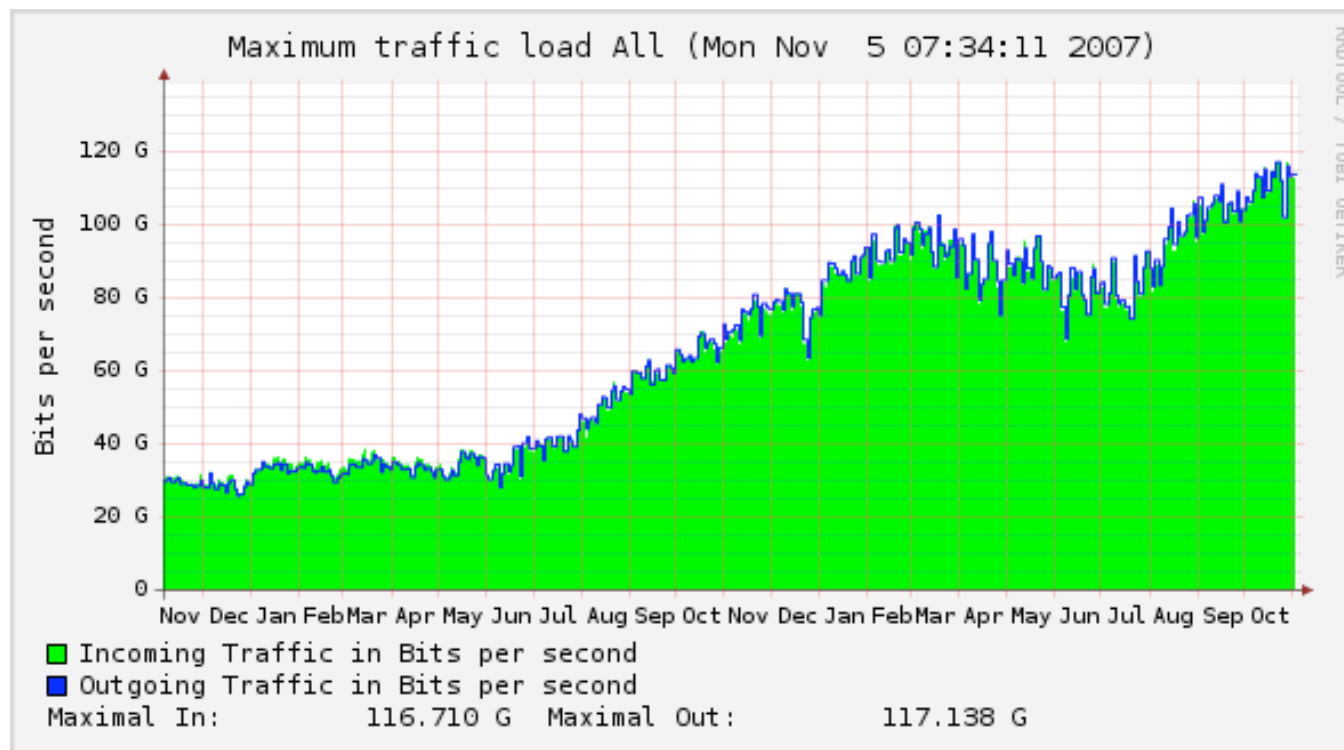
Total max trafik



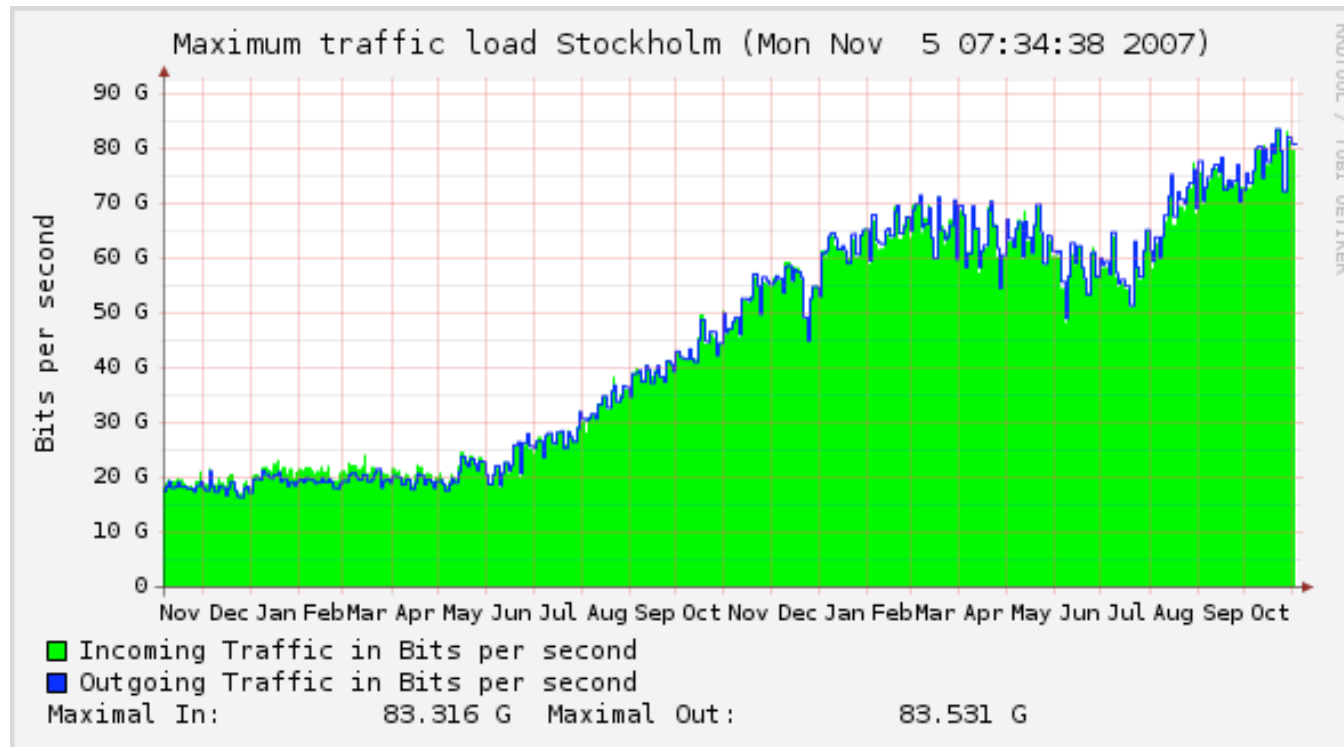
Total trafik



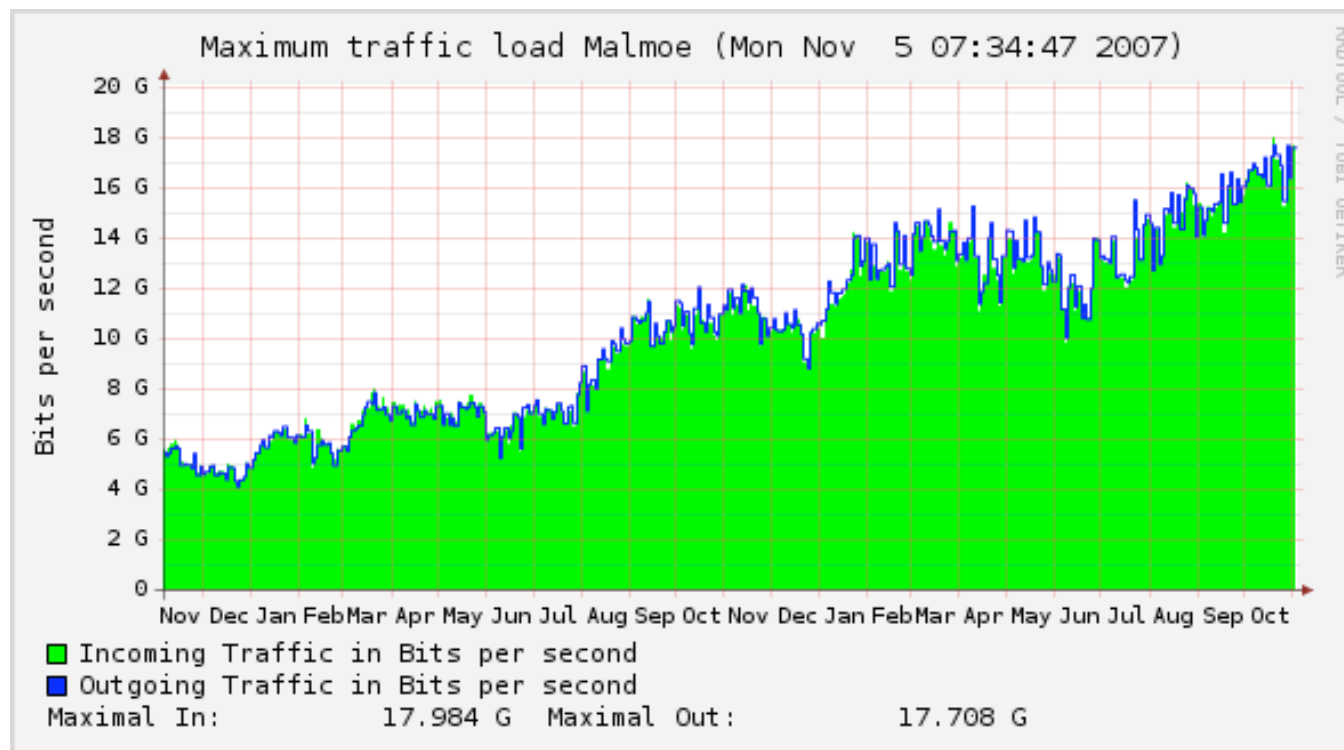
Total Max trafik



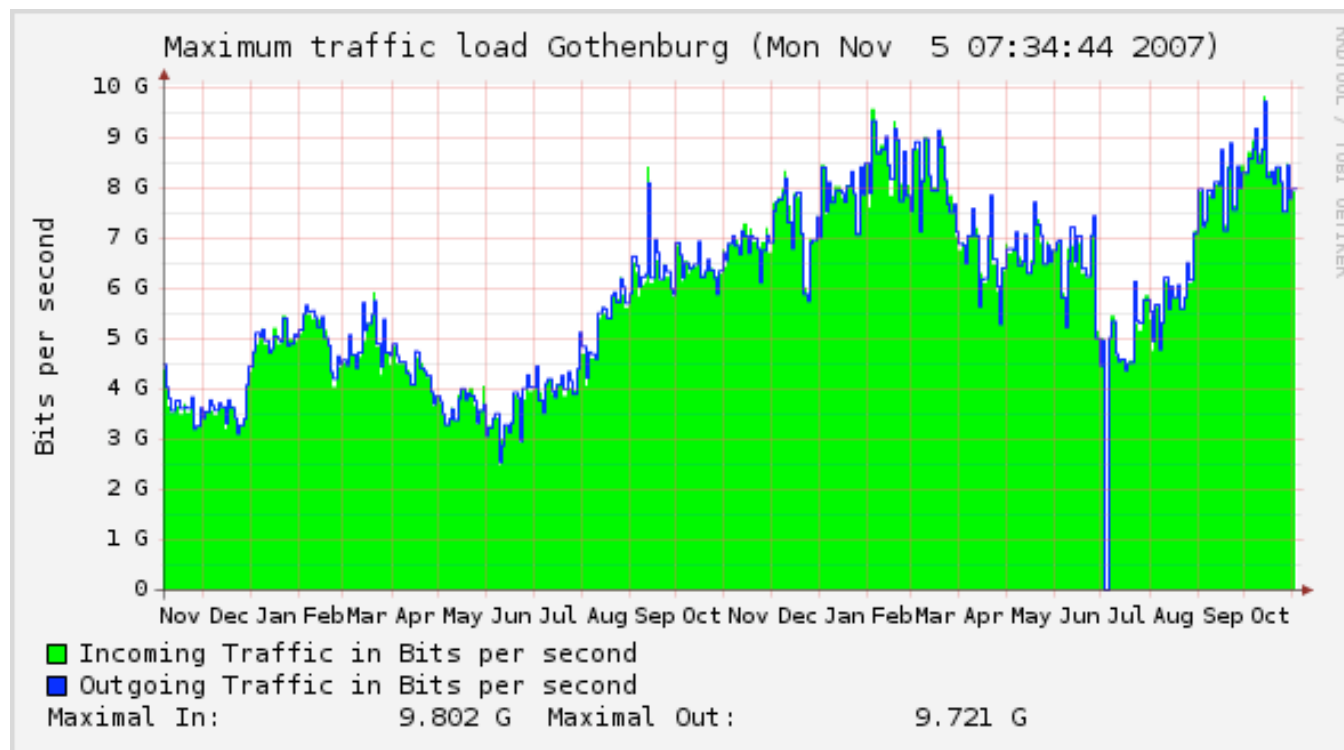
Stockholm



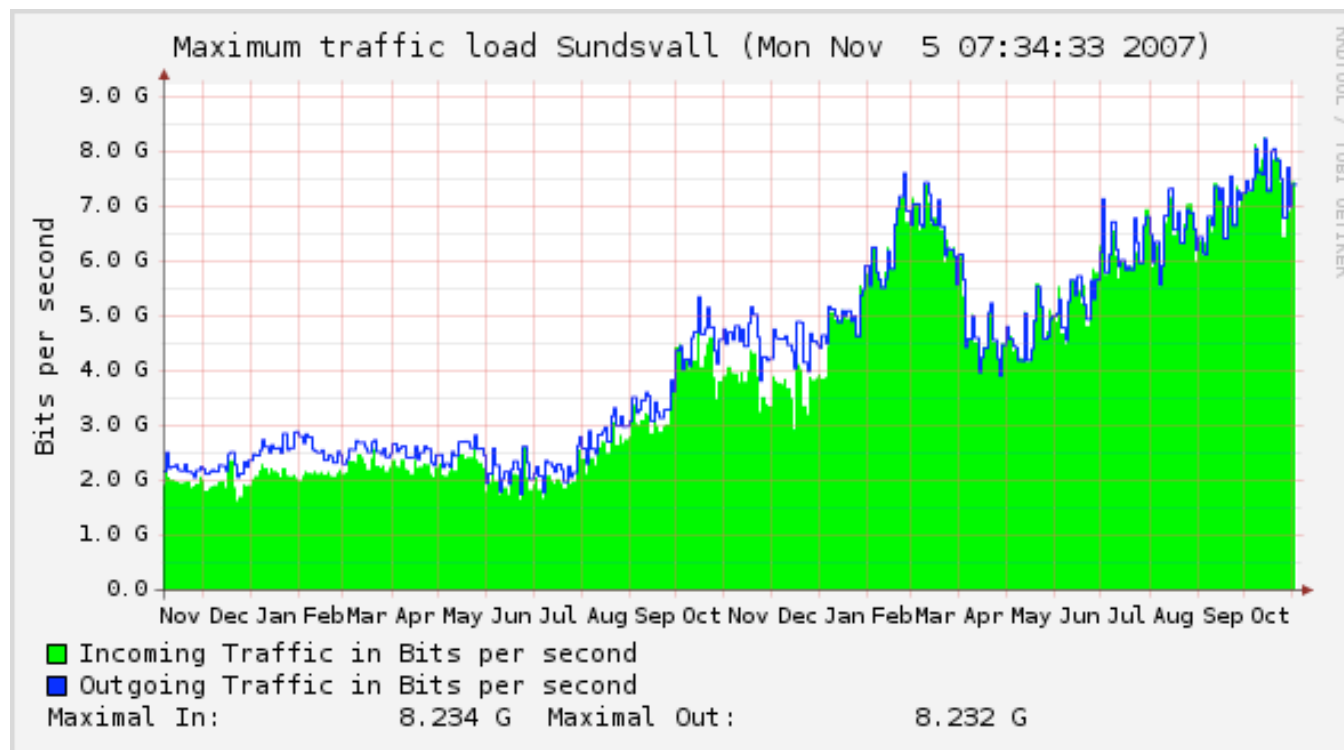
Malmö



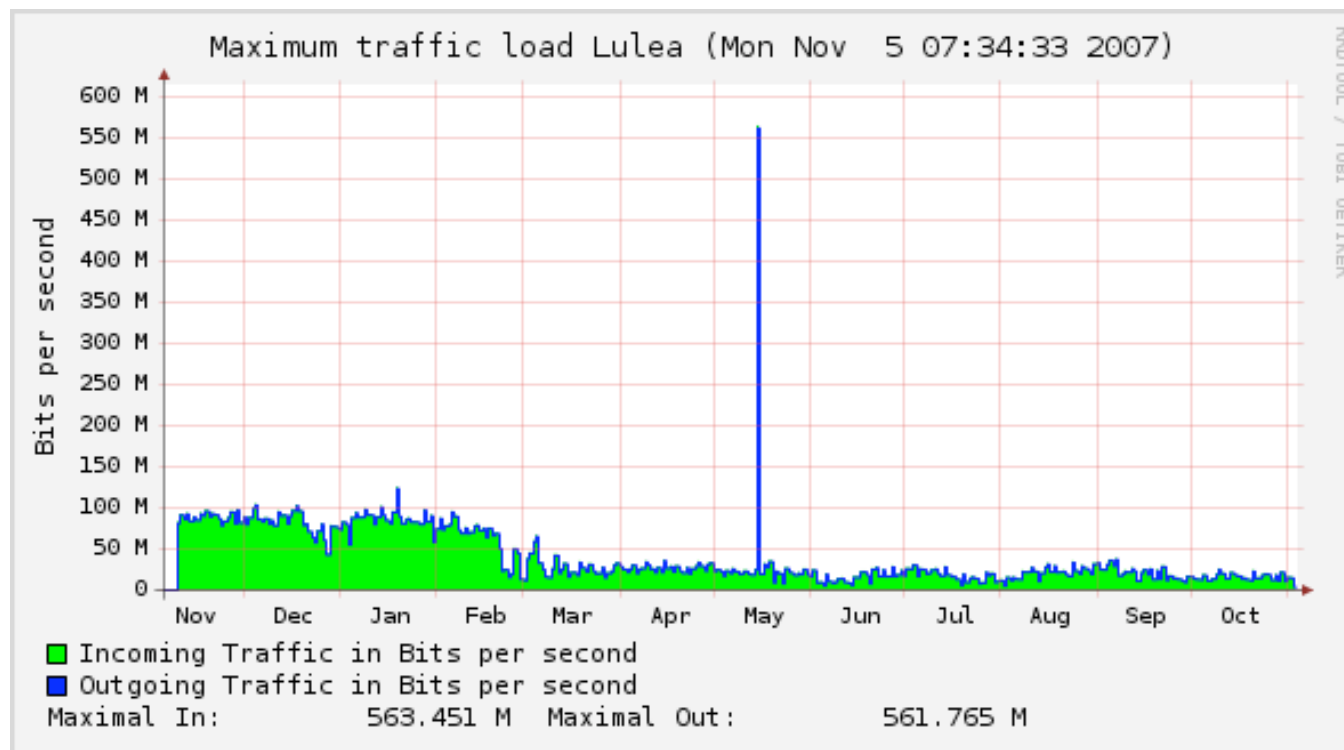
Göteborg



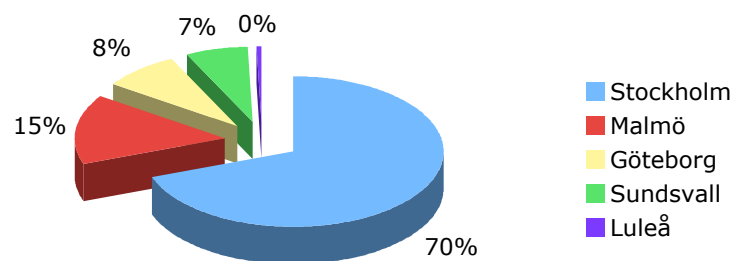
Sundsvall



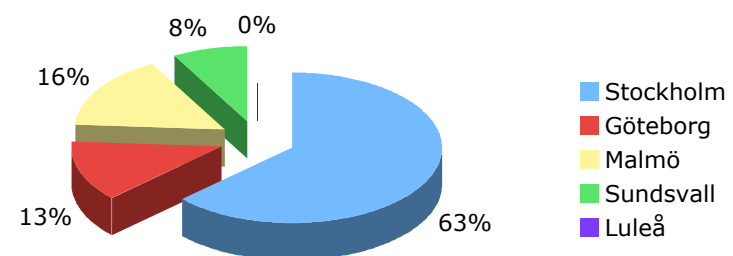
Luleå



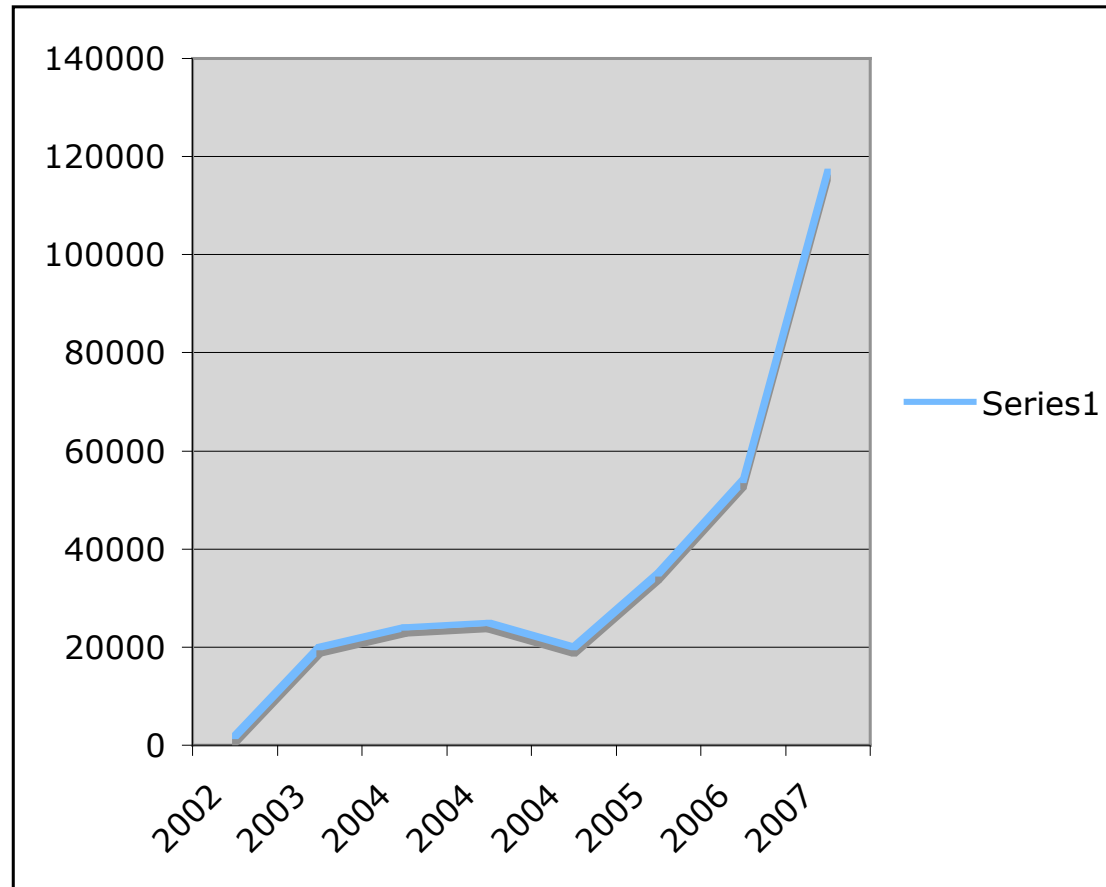
Trafikfördelning 2007



Trafikfördelning 2005



Trender...

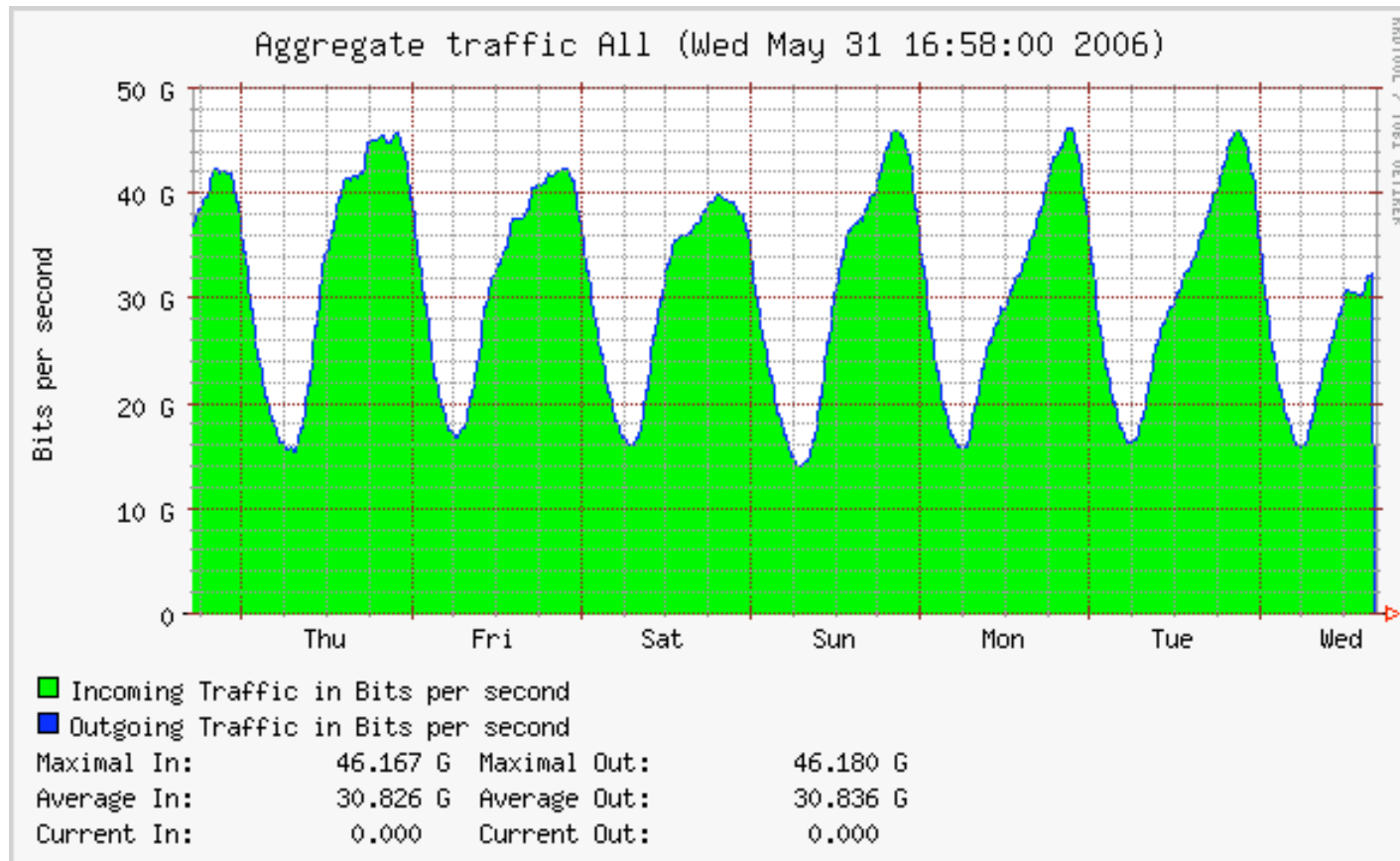


First of all..

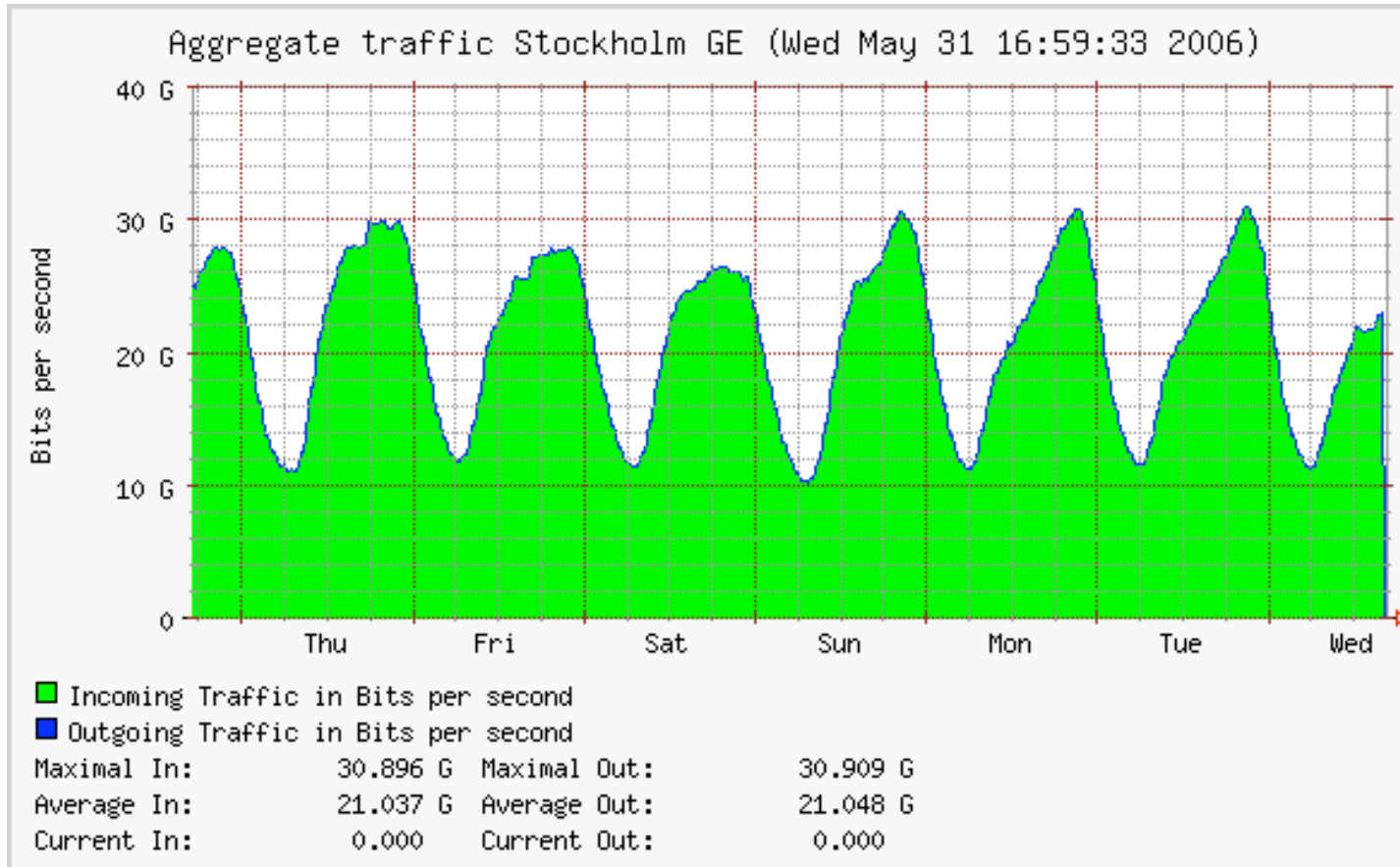
- On the stats...
 - This is no exact science...
 - At least a German ISP had an outage at the same time
- The bust was around 12.00 CET May 31st
- Data collected from Euro-IX members

**Following reported that
they saw nothing
unusual**

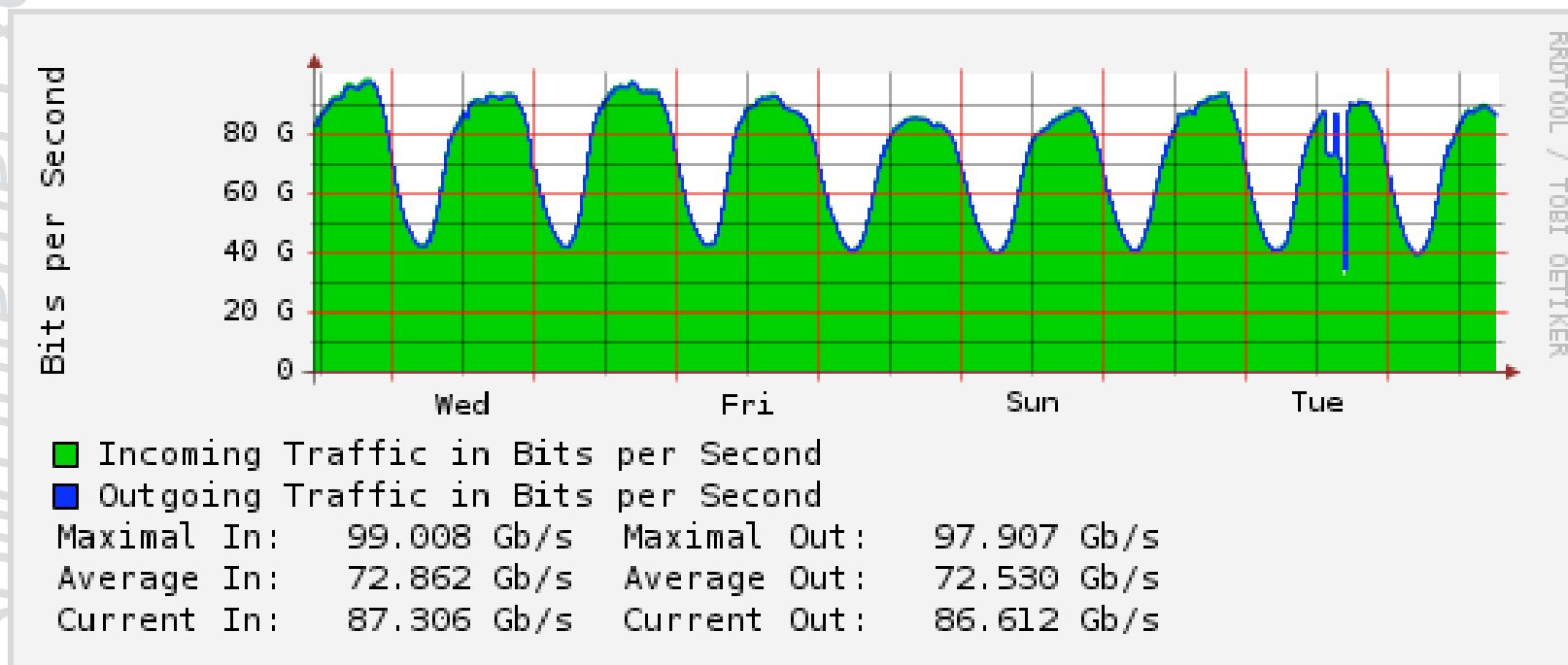
Netnod Aggregated



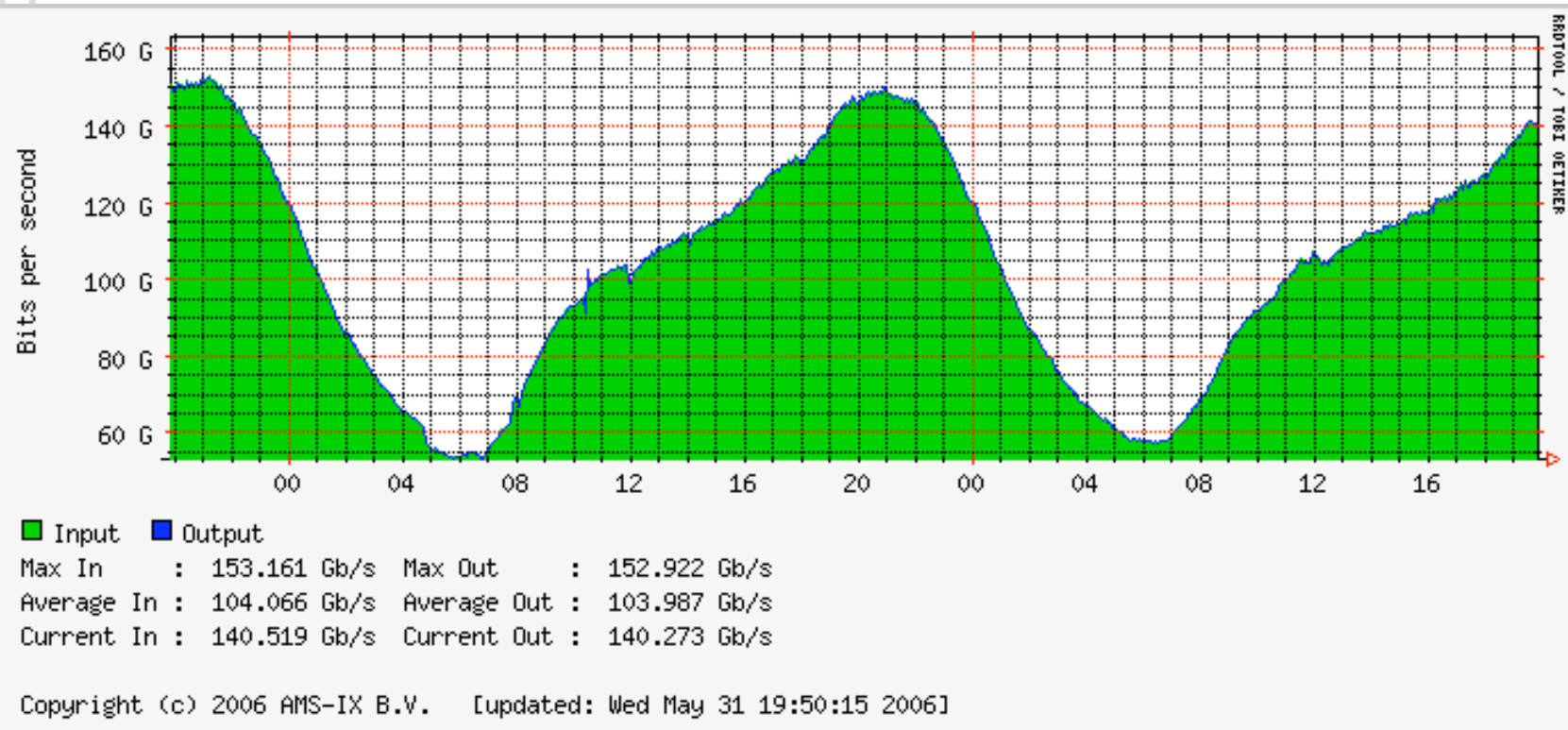
Netnod Stockholm



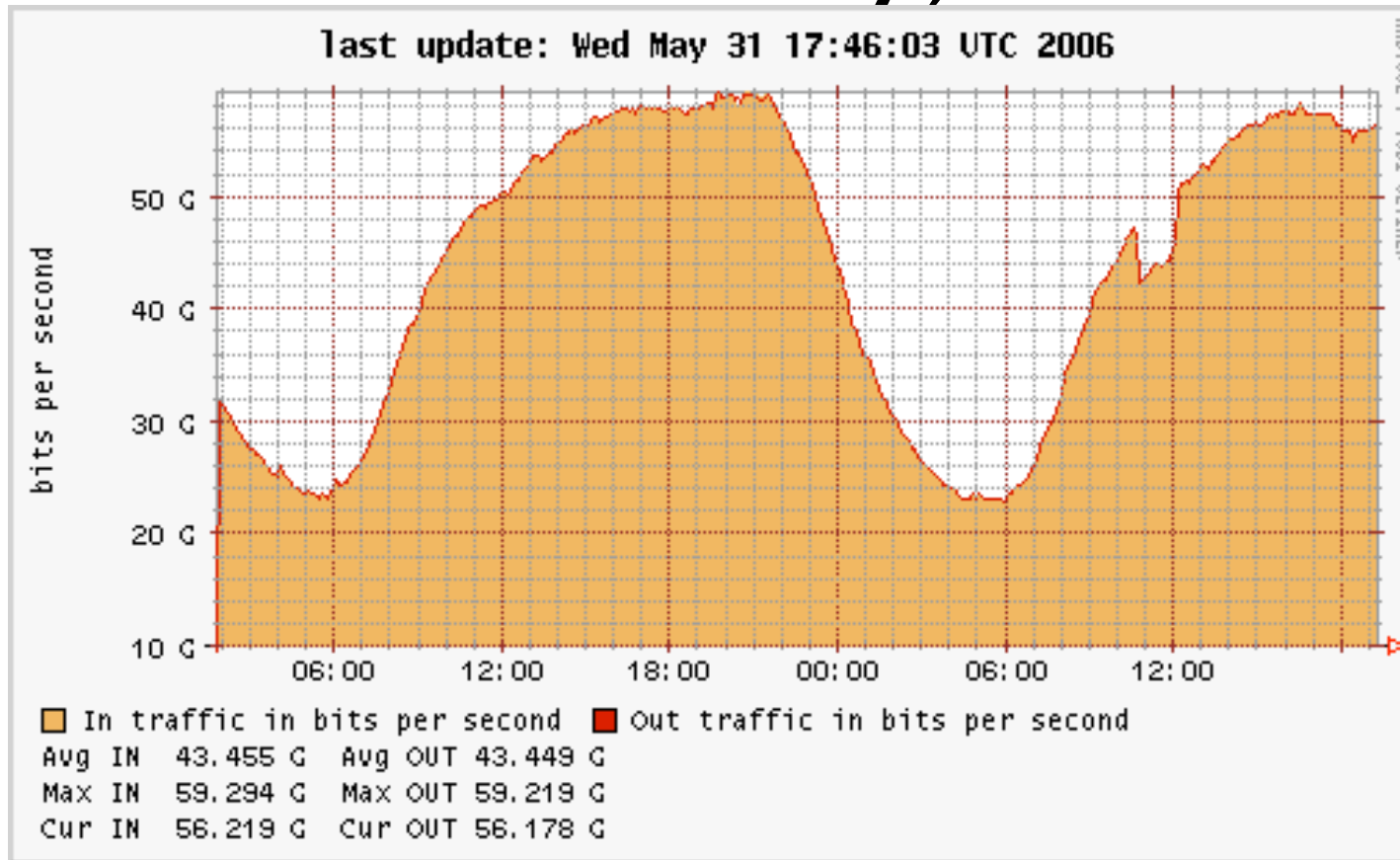
Linx (London, UK)



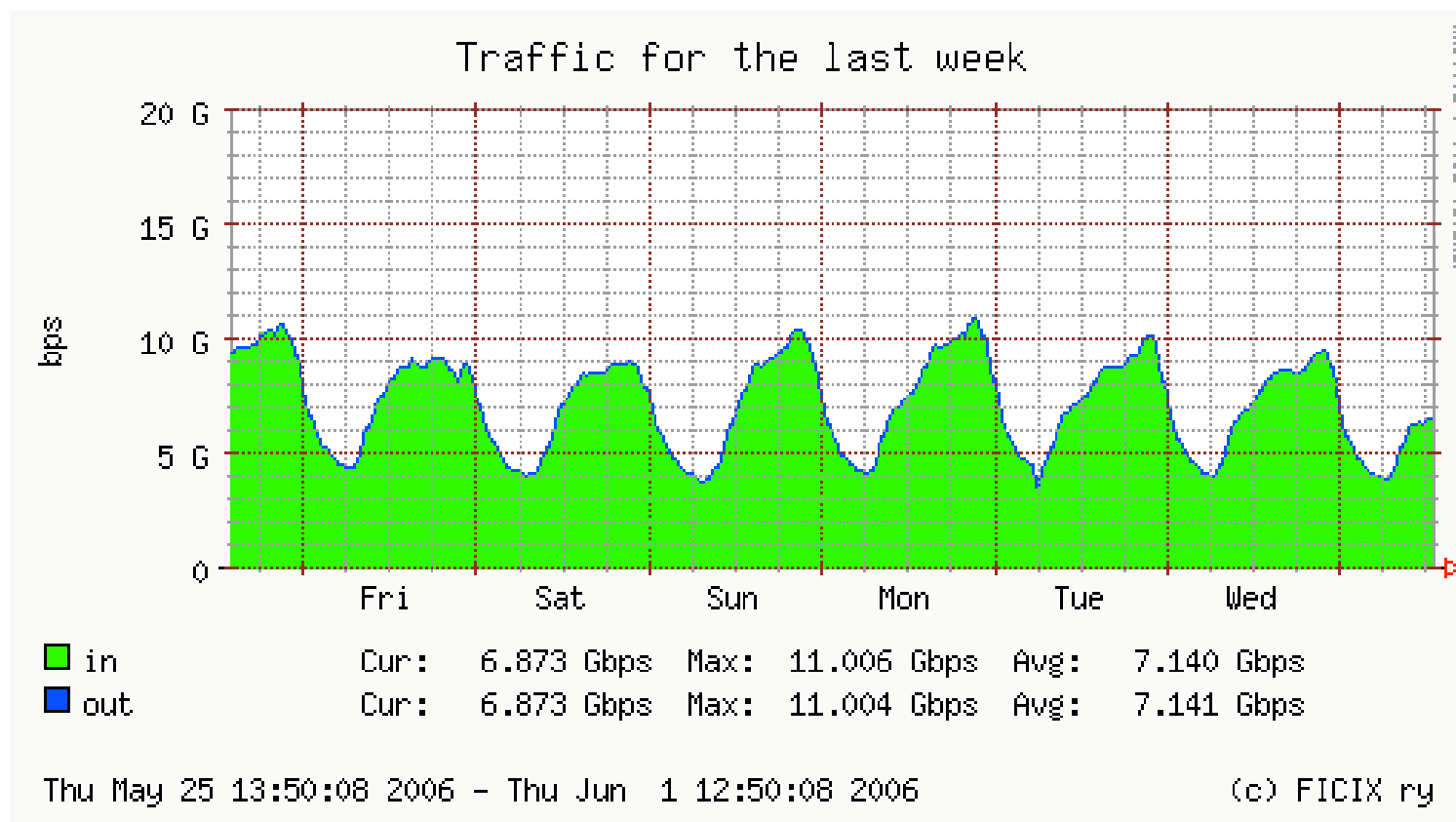
Ams-IX (Amsterdam, Netherlands)



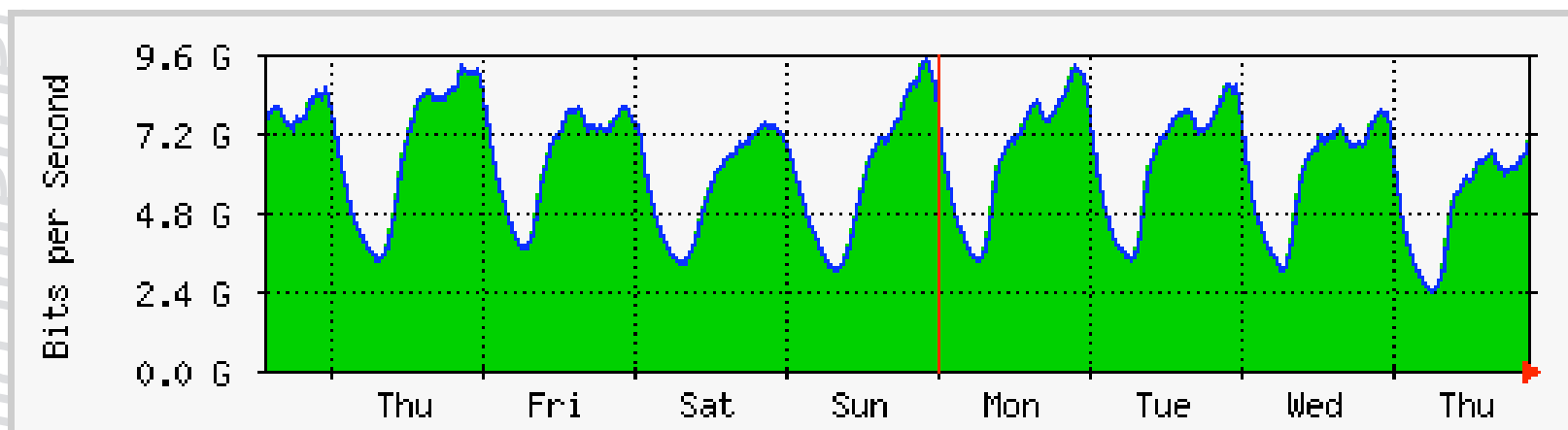
DE-CIX (Frankfurt, Germany)



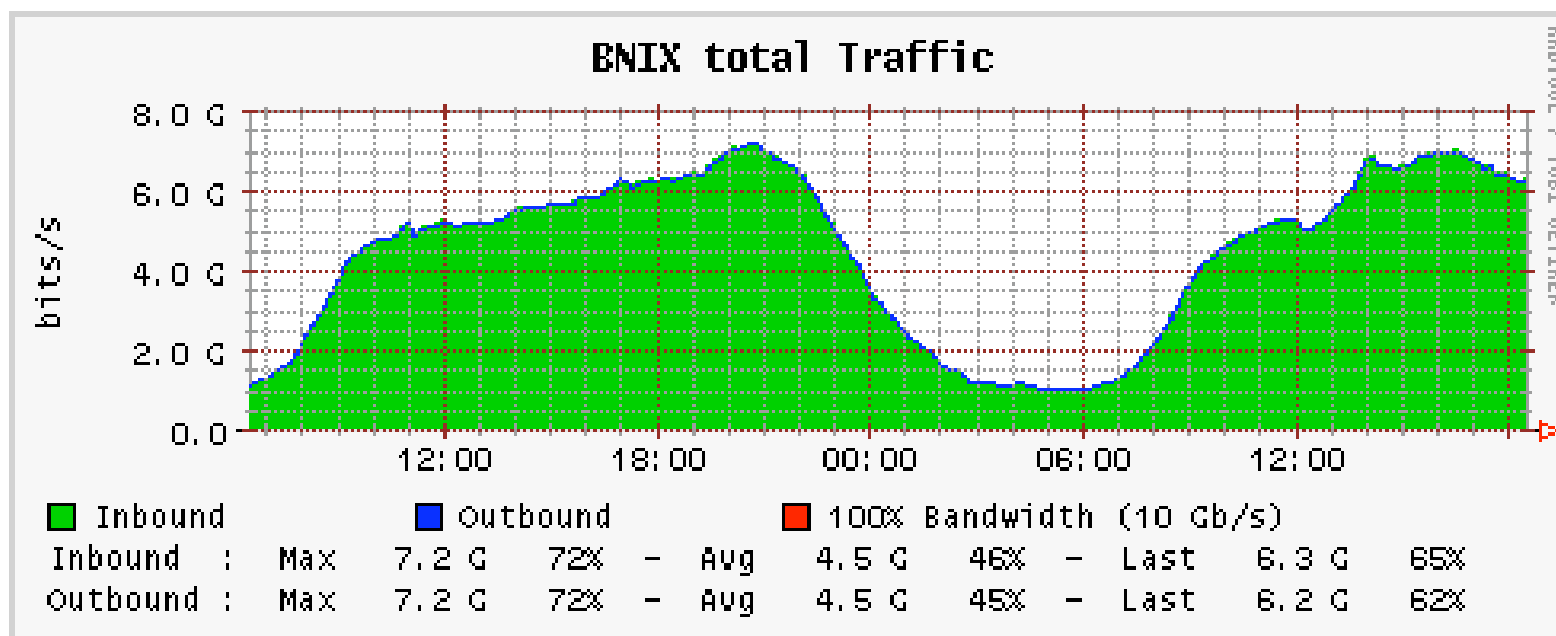
FICIX (Helsinki, Finland)



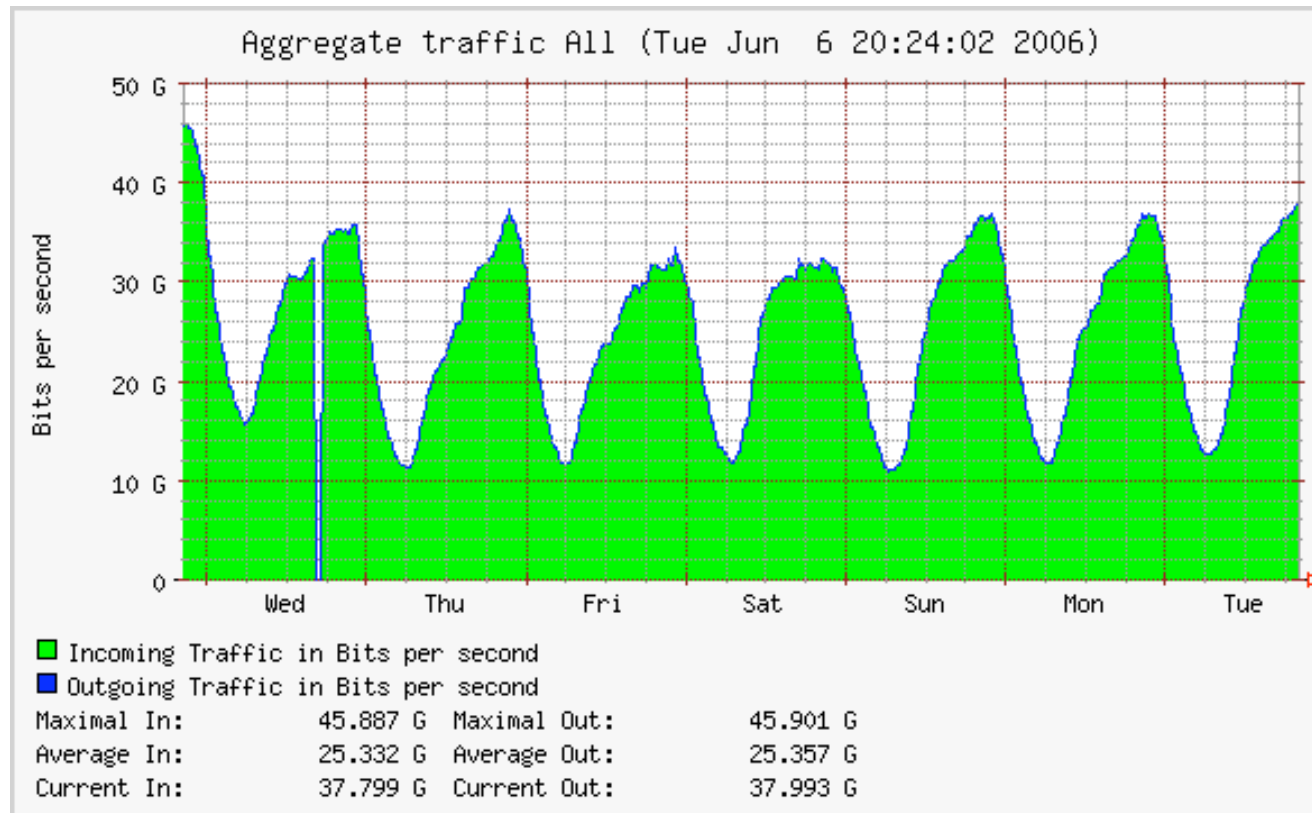
NIX (Oslo, Norway)



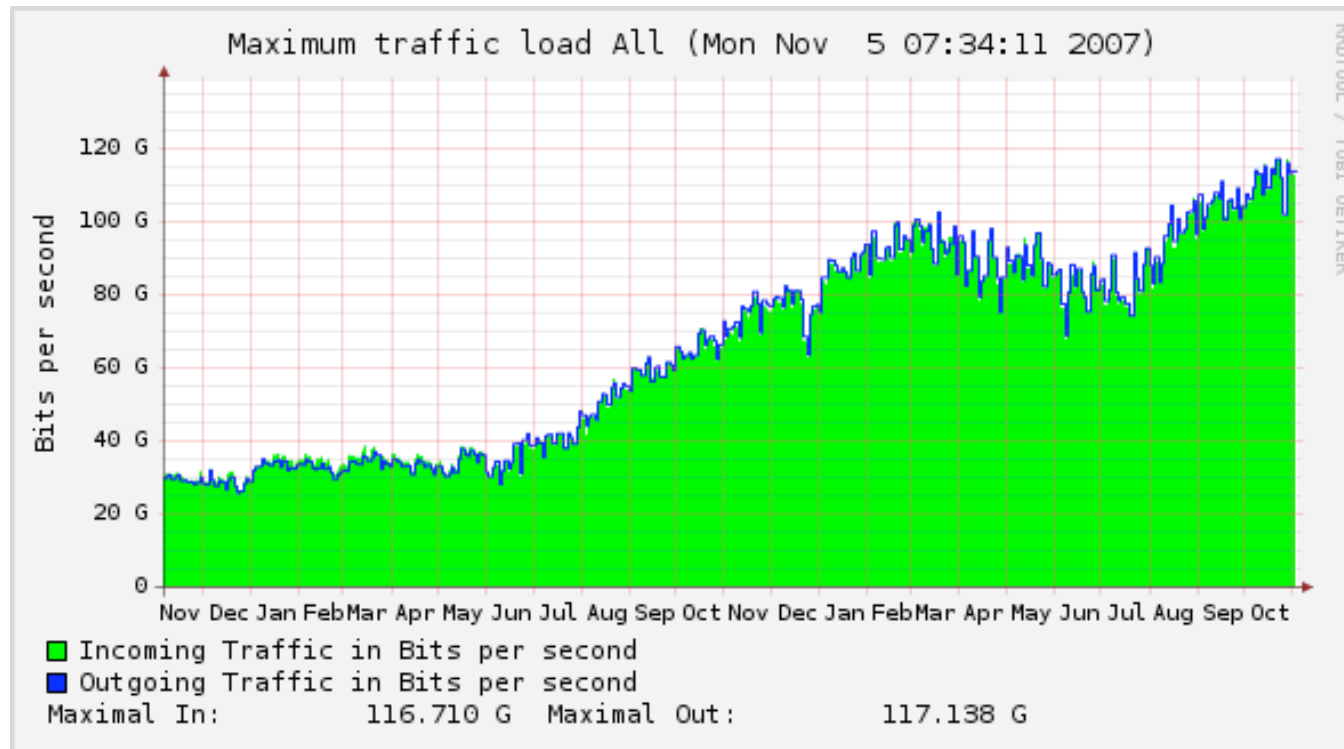
BNIX (Brussels, Belgium)



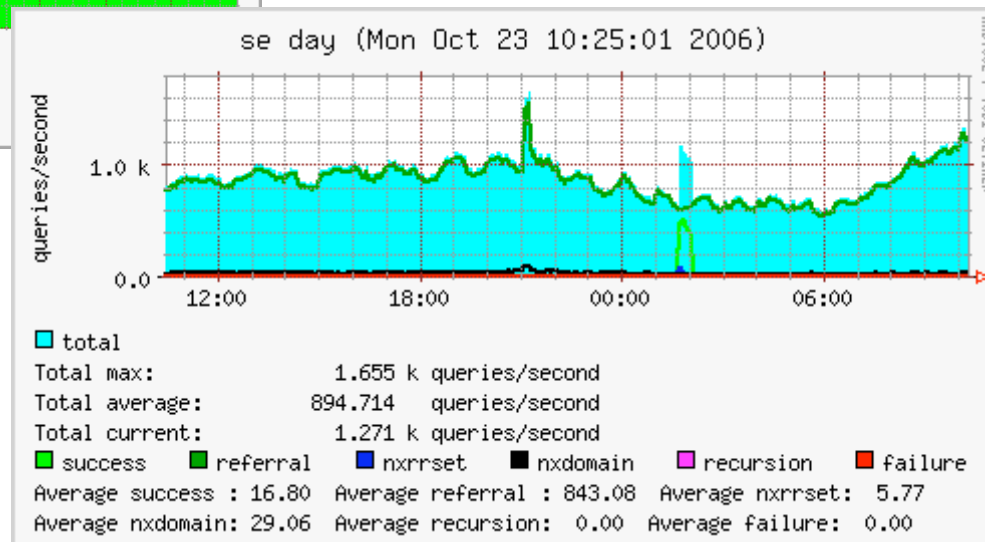
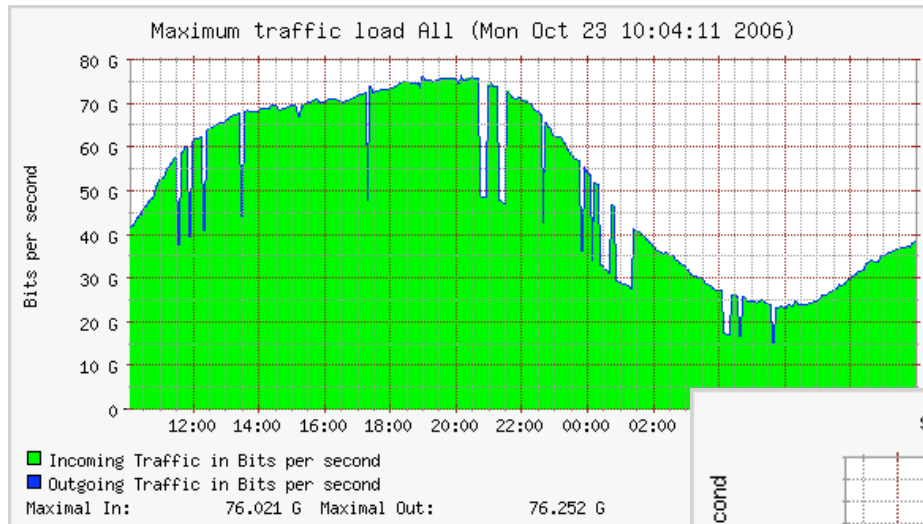
...and it came back



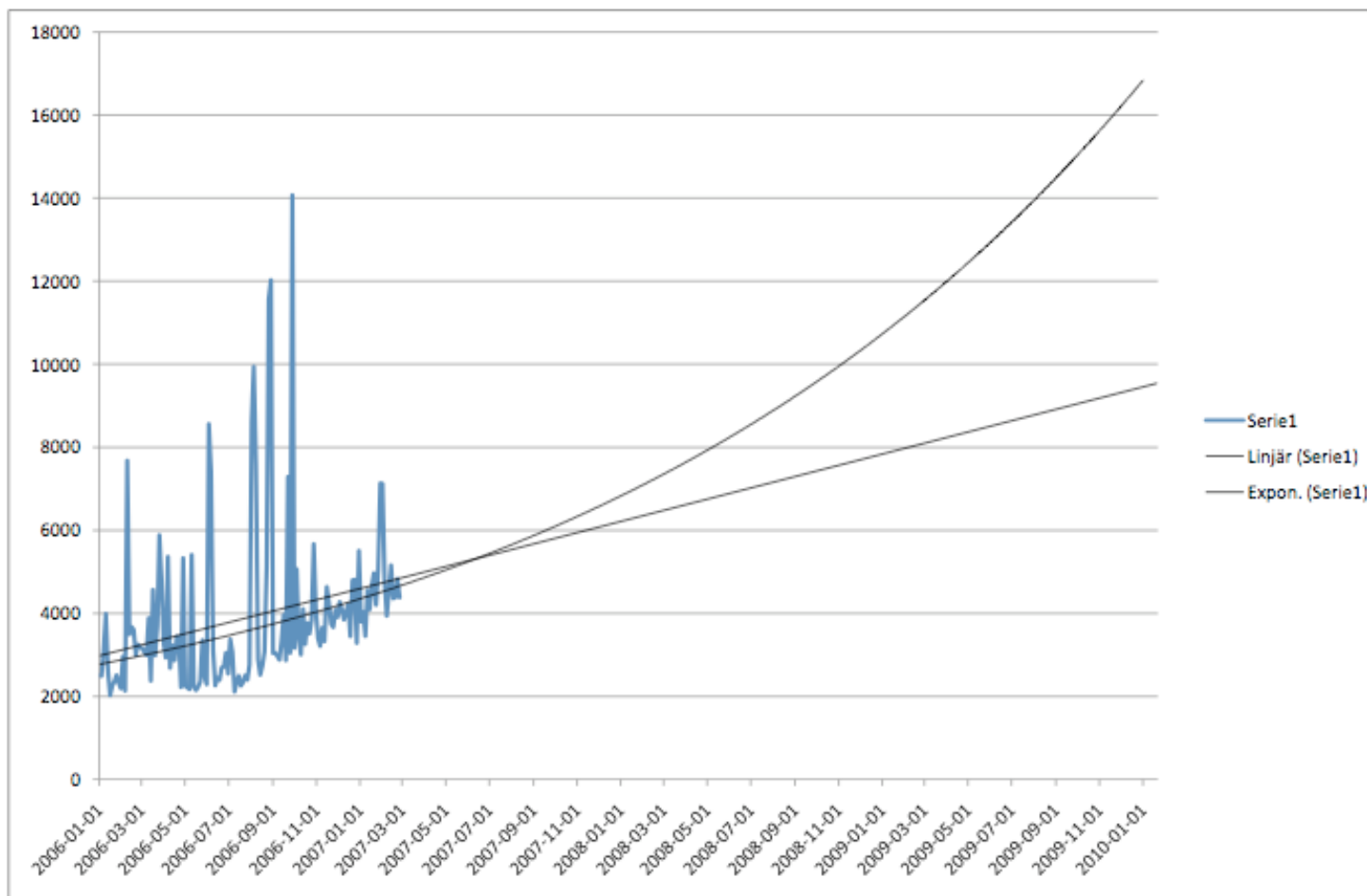
Did it really matter?



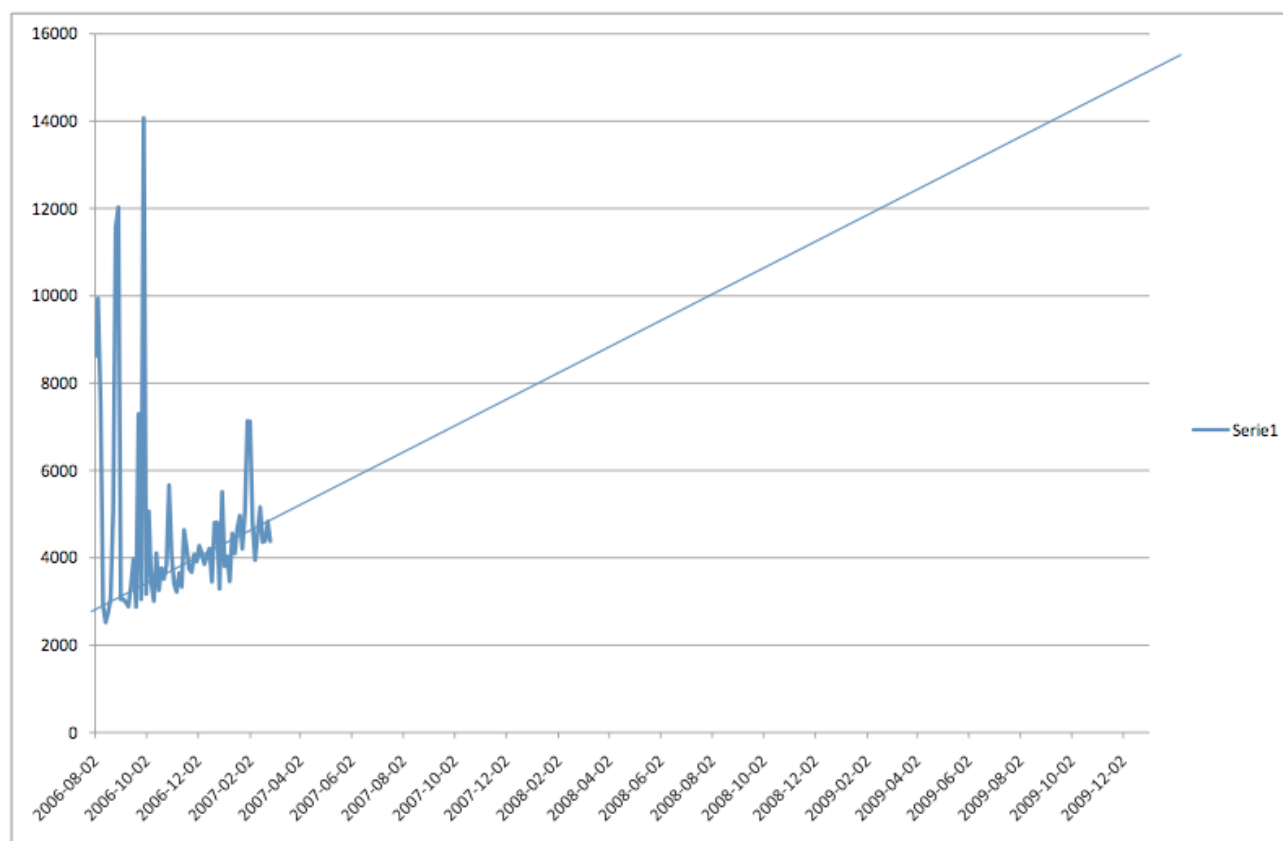
So how much traffic really is peer-to-peer?



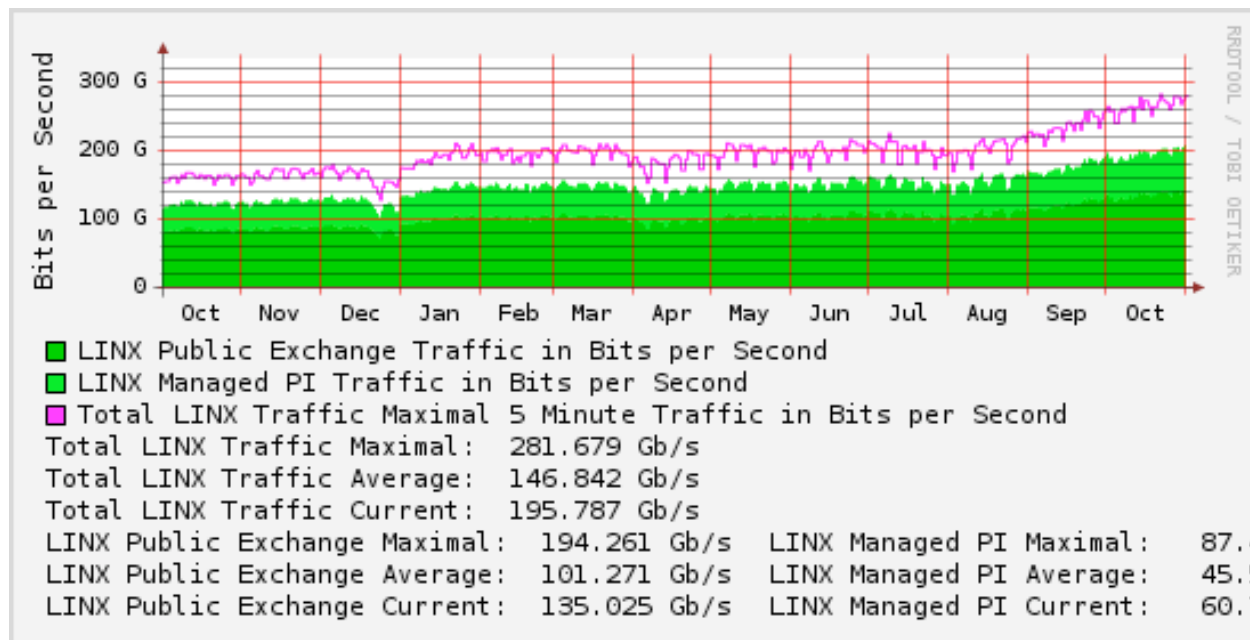
Frågetillväxt för .SE



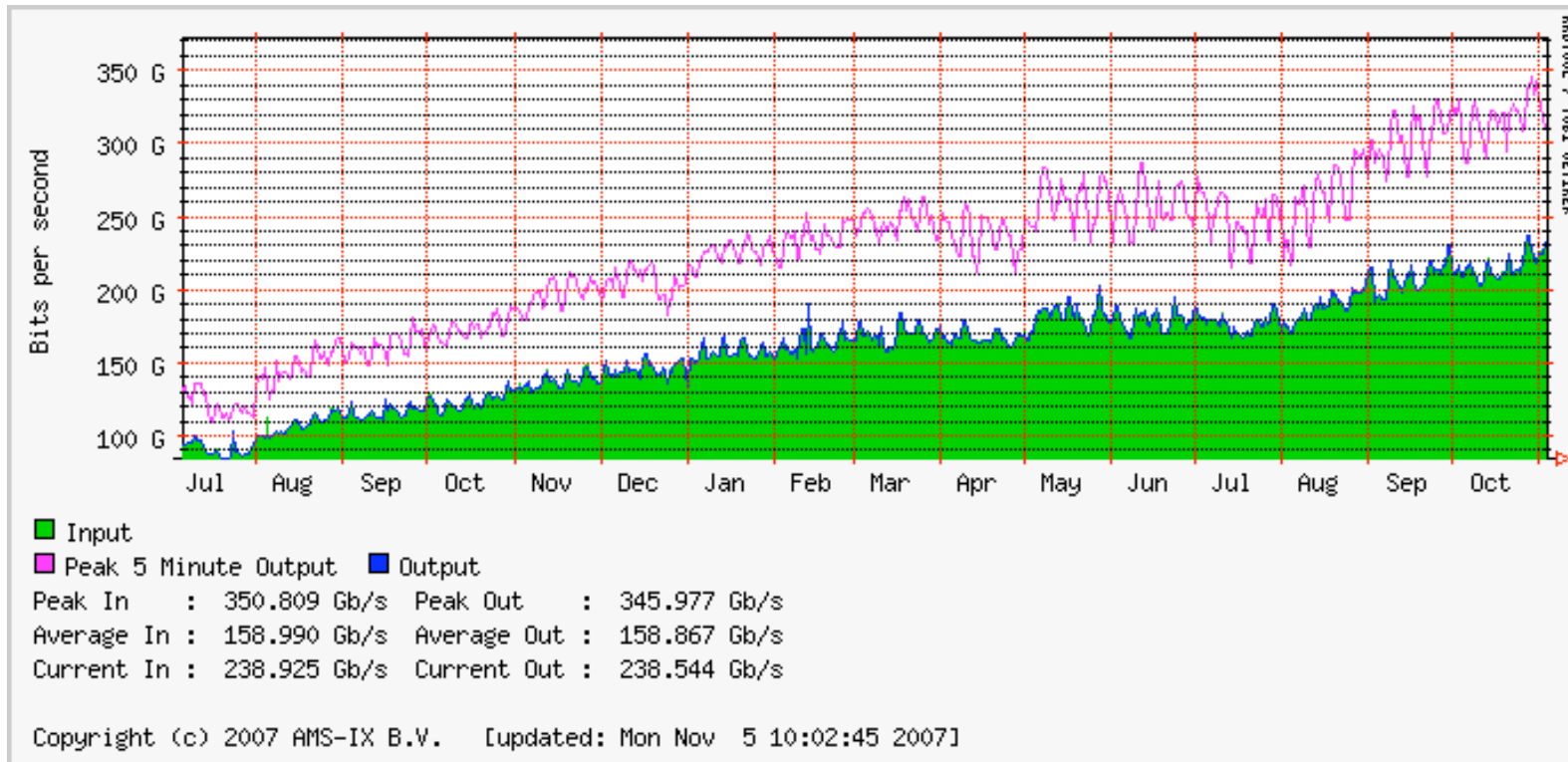
Frågetillväxt för .SE



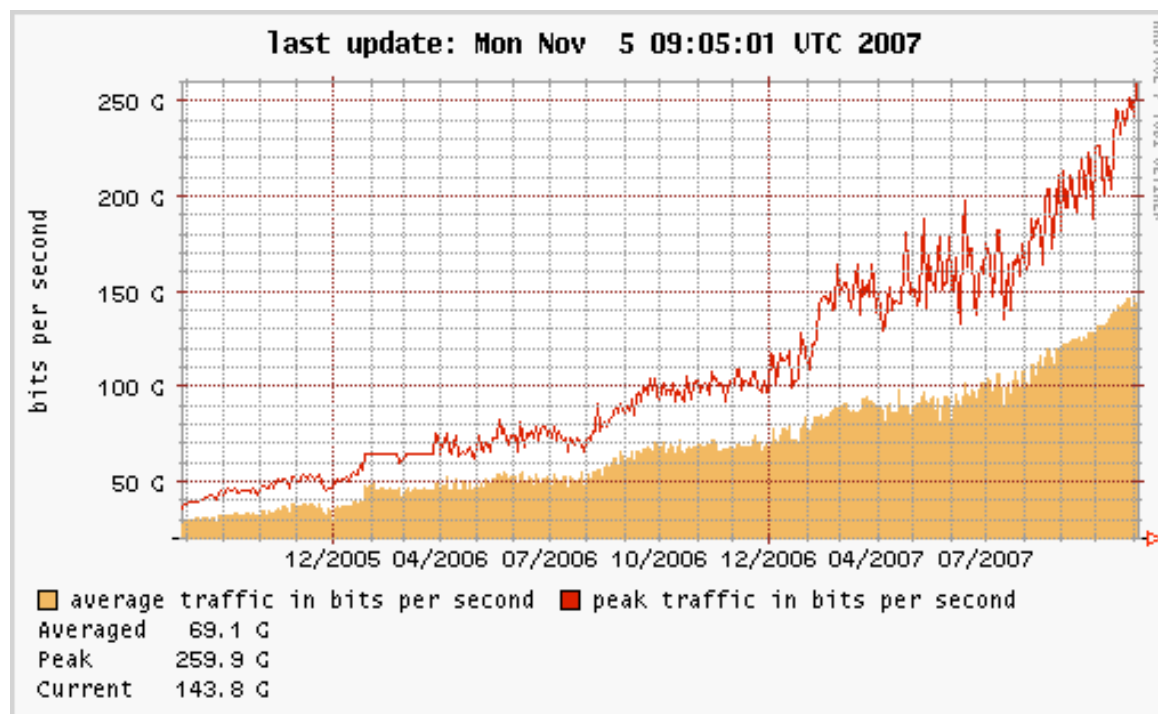
Linx



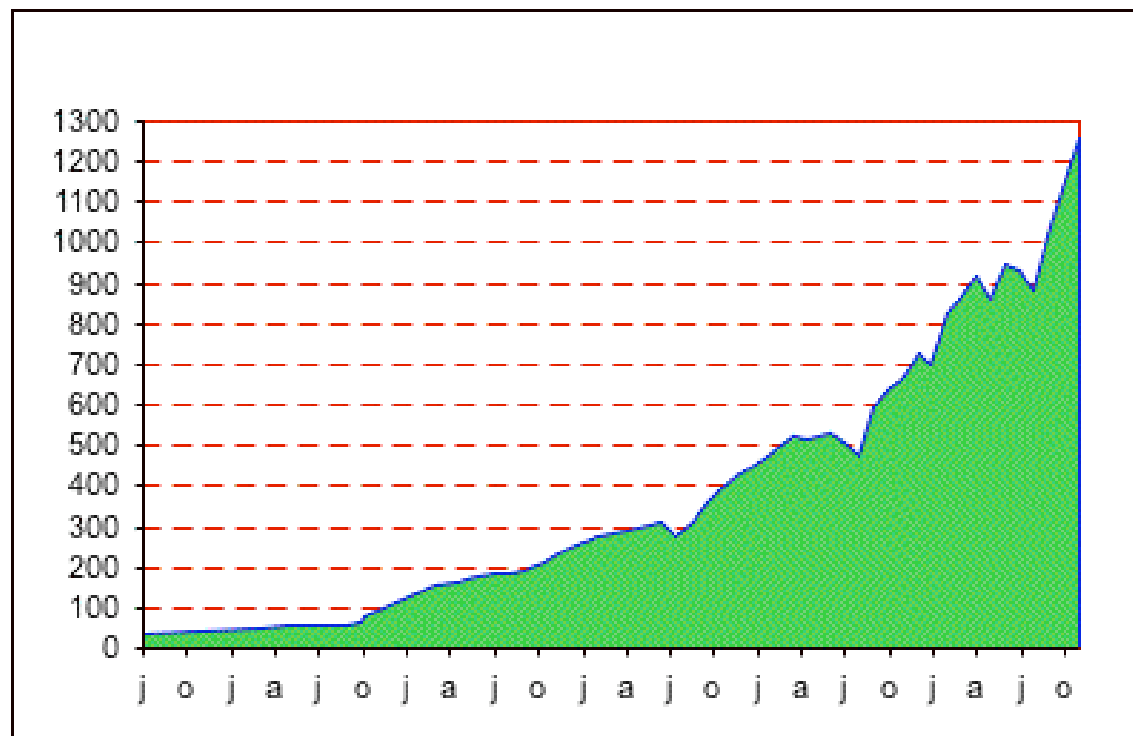
AMS-IX



DE-CIX



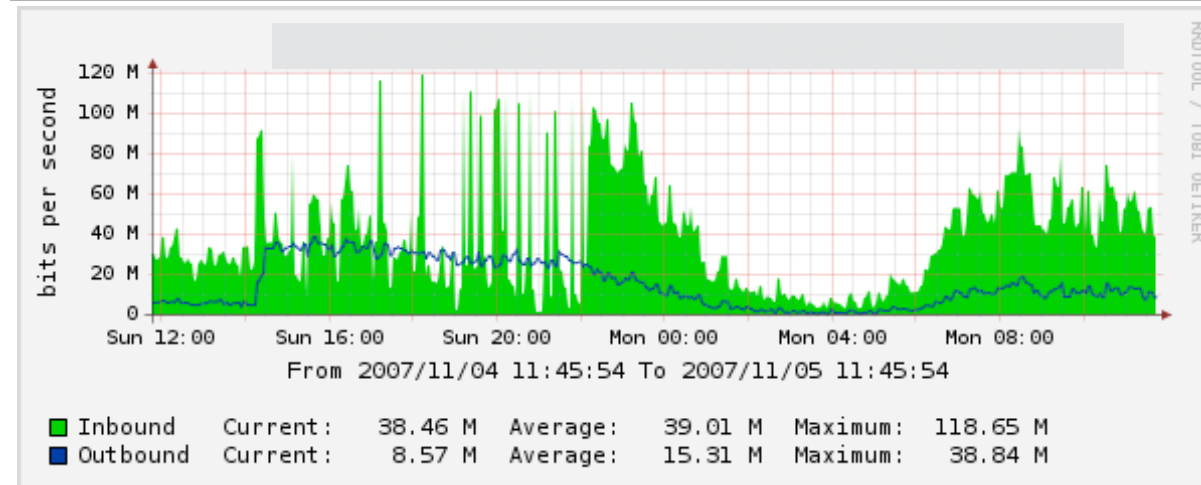
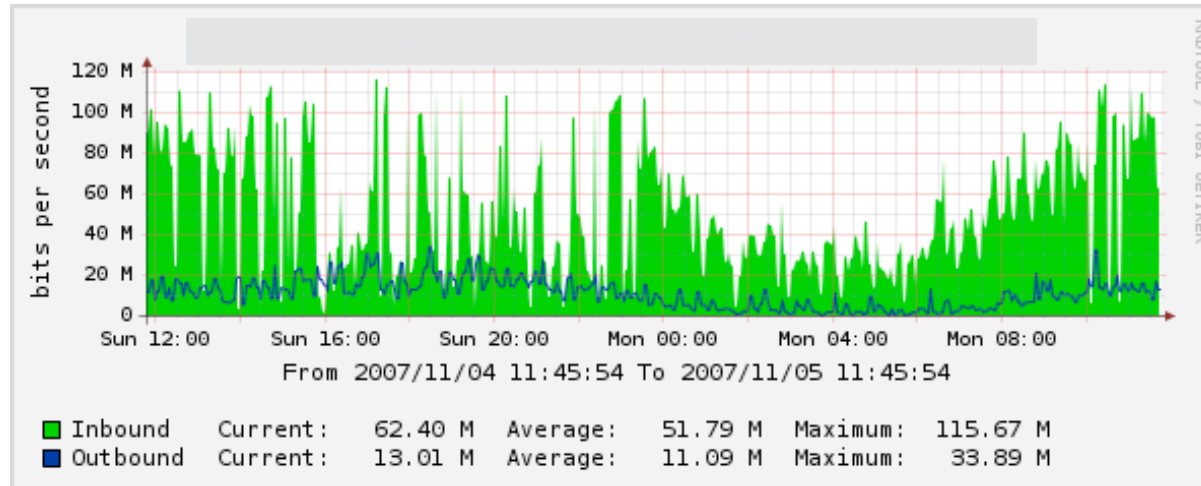
Euro-IX medlemmar



Jämförelser

- Genomsnitts operatören i Europa har 500Mbps trafik mot IX
 - Netnod har i snitt 2,54Gbps
- Euro-IX medlemmar totalt 1,225Tbps
 - 10,87% upp från September
 - 86,25% upp från September 2006
 - Asien upp 7,77 % i September
 - US upp 12,94% i September
 - Total europeisk trafik 1,454Tbps

TPTEST Stockholm



TPTEST Göteborg

