RIPE NCC
IPv6 Services Update

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RIPE NCC

RIPE NCC IPv6 Services Update

- Network Infrastructure

- Email Service

- RIPE Database

- RIPE Meeting IPv6 Statistics

Network Infrastructure

- The RIPE NCC's IPv6 connectivity is currently through a dedicated (but very old) router with only a 10 Mbps connection to the AMS-IX.

- In Q2 2006 we will replace this (and our existing IPv4 border routers) with a pair of Juniper M7i routers which will carry both IPv4 and IPv6 through two 100 Mbps connections to the AMS-IX.
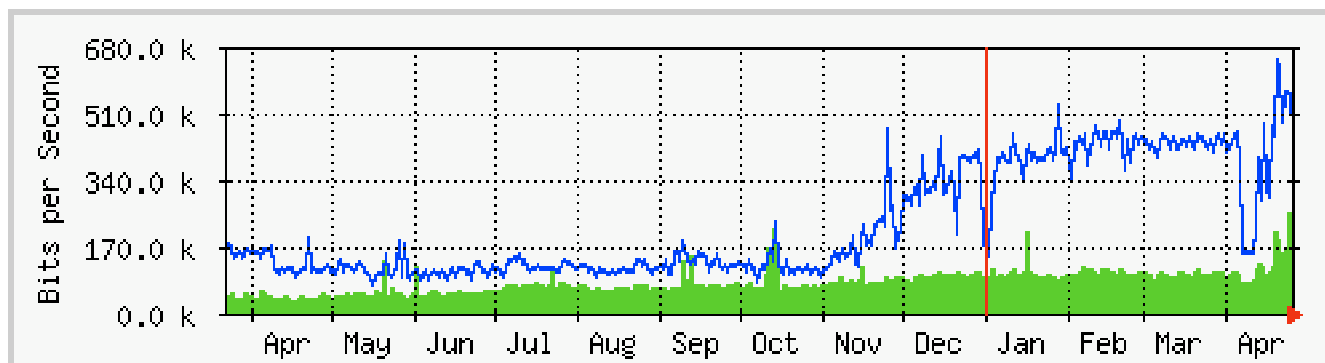

```
Max  In:261.3 kb/s (2.6%)   Average  In:83.8 kb/s (0.8%)    Current  In:160.8 kb/s (1.6%)
Max  Out:650.2 kb/s (6.5%)  Average  Out:230.2 kb/s (2.3%)  Current  Out:449.2 kb/s (4.5%)
```

Services

- ## Email Service

  - Once the network infrastructure upgrade is complete we will enable IPv6 on the RIPE NCC's external mail servers.

- ## RIPE Database

  - RIPE Database queries received over IPv6 are currently proxied via an intermediate server.

  - Native IPv6 support is being added to the mainstream whois server code and this should be completed by the end of Q2 2006.
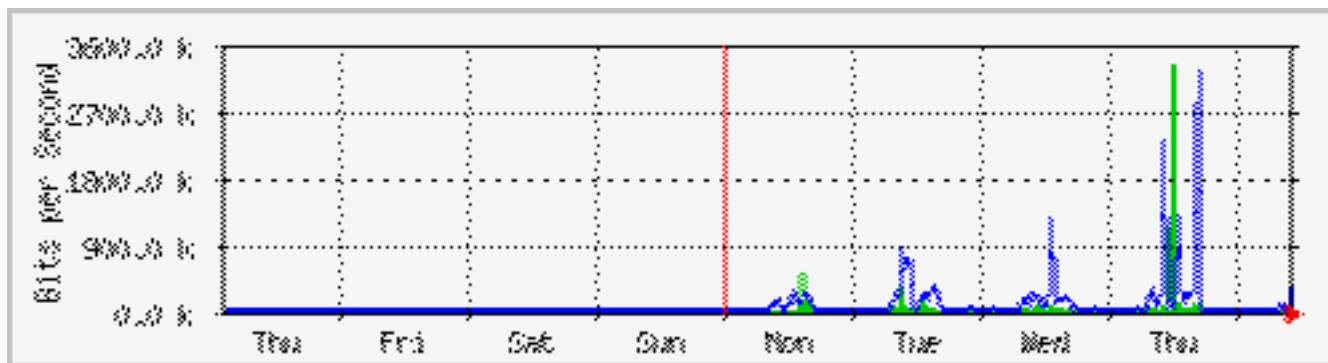
RIPE Meeting IPv6 Statistics

RIPE 51, October 2005, Amsterdam

- ## IPv4 Traffic
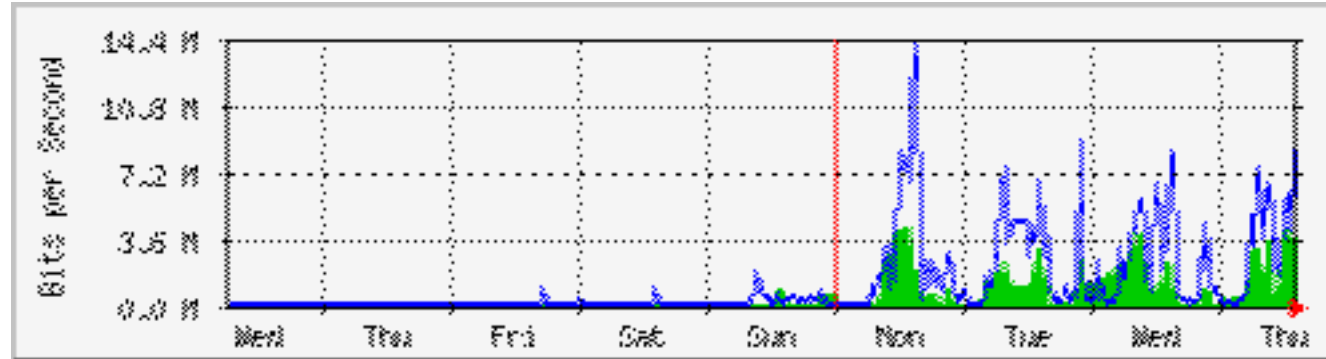 - Peak ~ 14 Mb/s
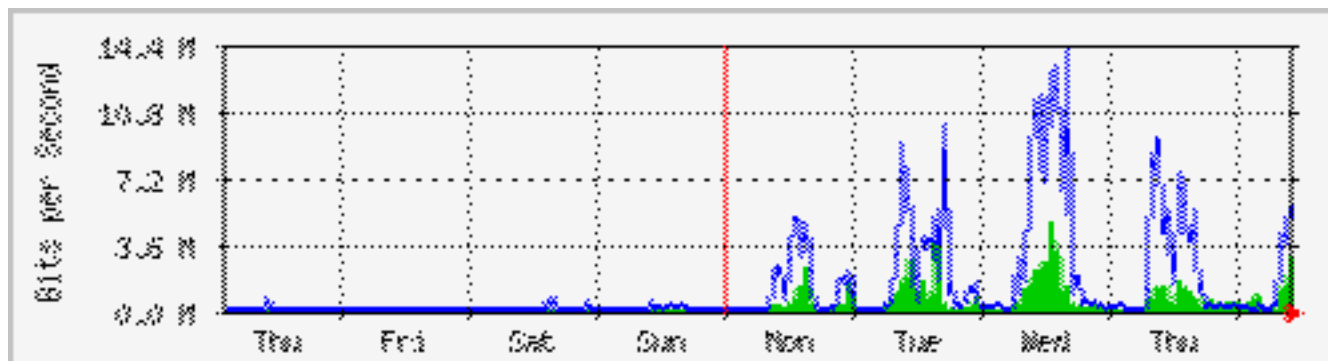
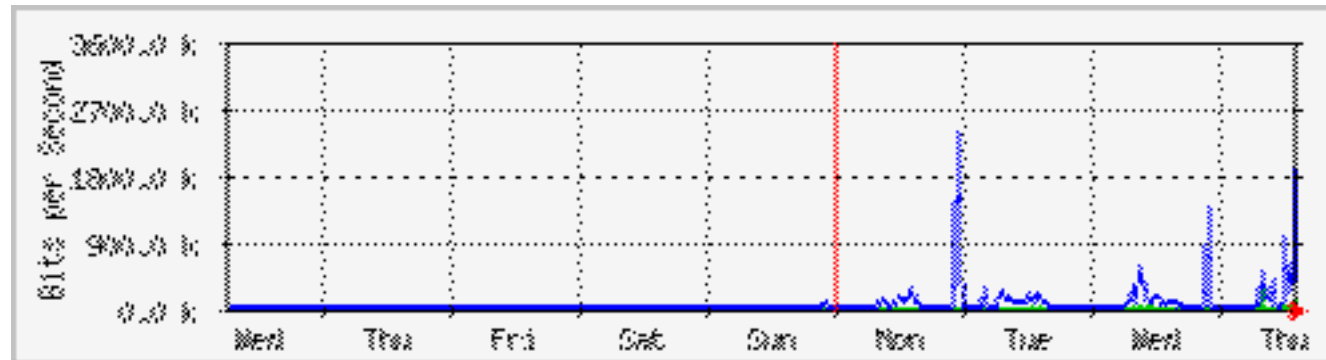- ## IPv6 Traffic
  - Peak ~ 3.3 Mb/s

- ## Total IPv6 traffic during RIPE 51:

  Approx. 5.8 Gbytes incoming; 1.9 Gbytes outgoing.

RIPE 52, April 2006, Istanbul

- ## IPv4 Traffic

  - Peak ~ 14.1 Mbps

- ## IPv6 Traffic

  - Peak ~ 2.4 Mbps

- ## Total IPv6 traffic during RIPE52:

  ???

Questions?