APNIC 33 CONFERENCE
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Root Server Deployment Update

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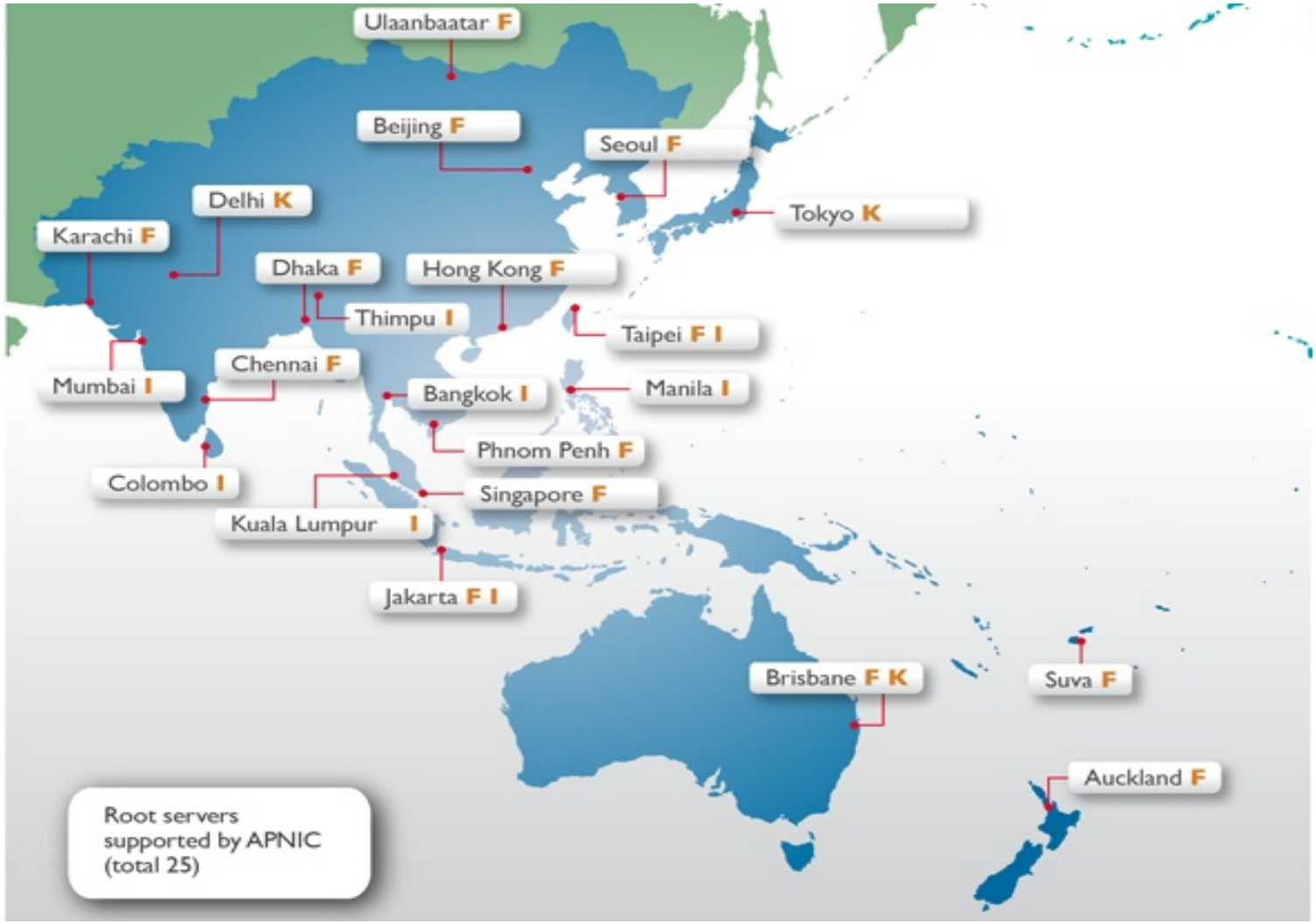
RootServers in the Asia Pacific Region

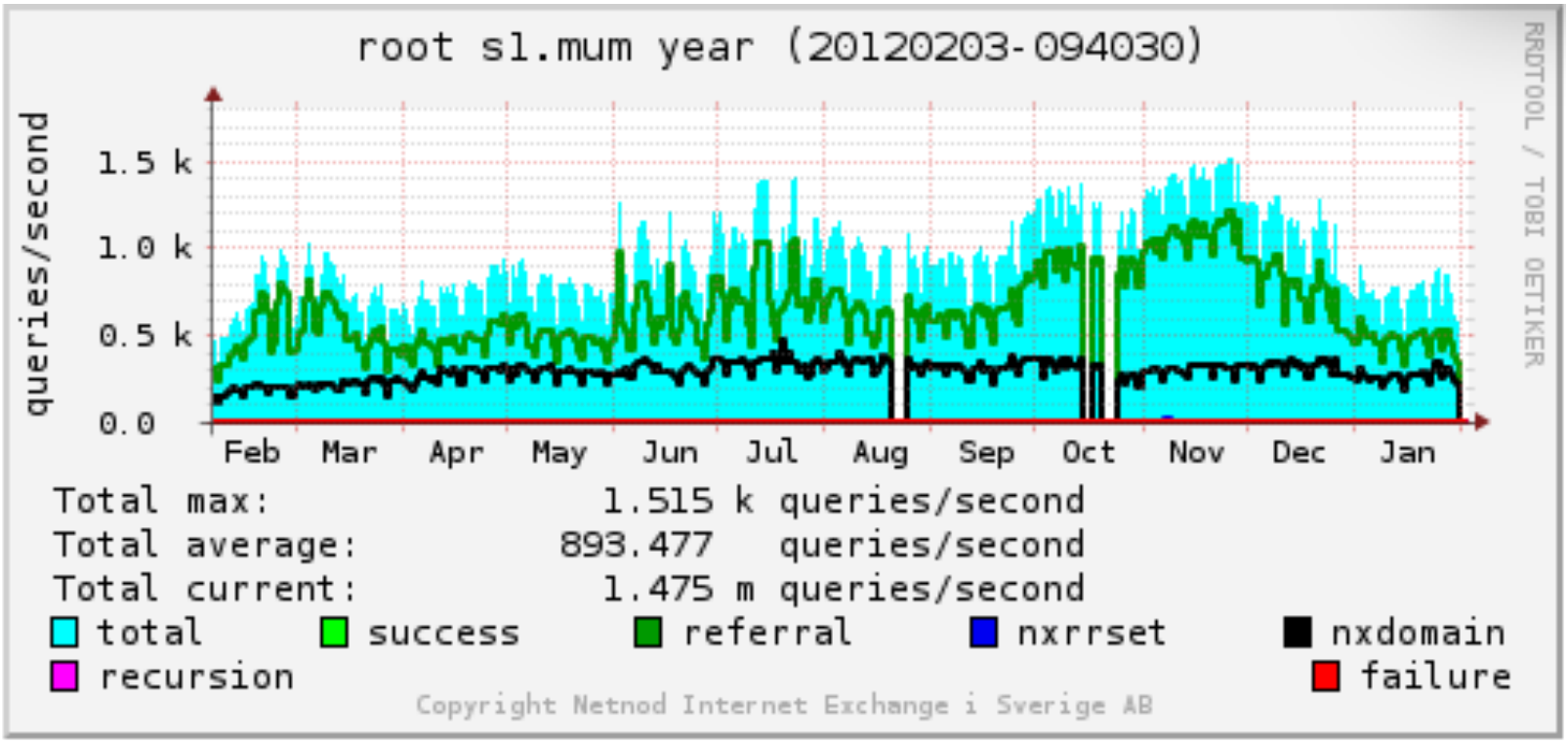
- APNIC has supported Root Server deployments since 2002.
- The aim of this project has been to substantially improve internet reachability and response times in our region.
- This has direct benefits on ISPs and end-users alike.
- APNIC funds equipment and initial installation costs.
- The host funds datacenter rack space and all transit costs.
- 25 Root Servers instances funded partially or in full by APNIC. 14 F-root, 8 I-root, 3 K-root.

Asia Pacific Root Server map

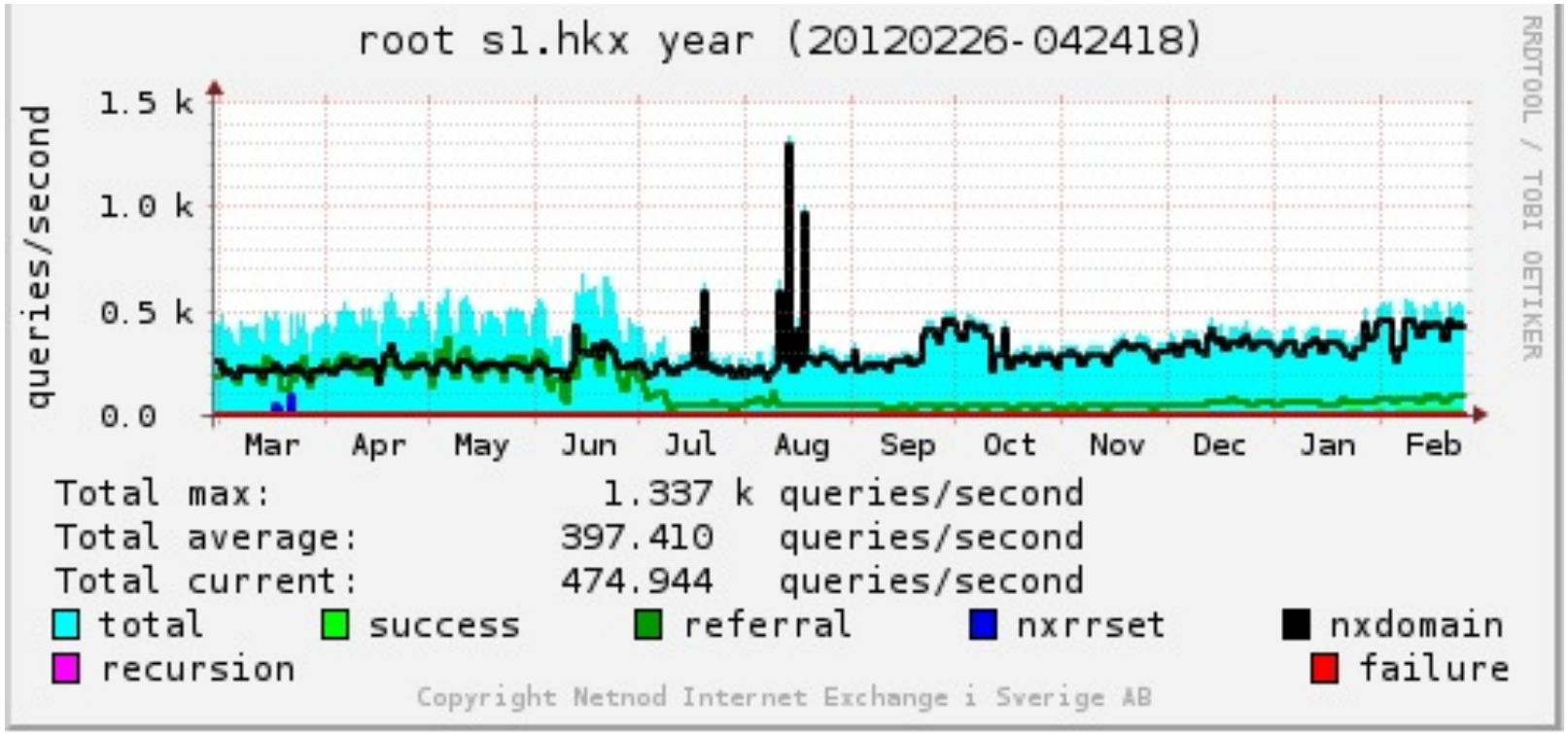


I-Root Mumbai installed 2005

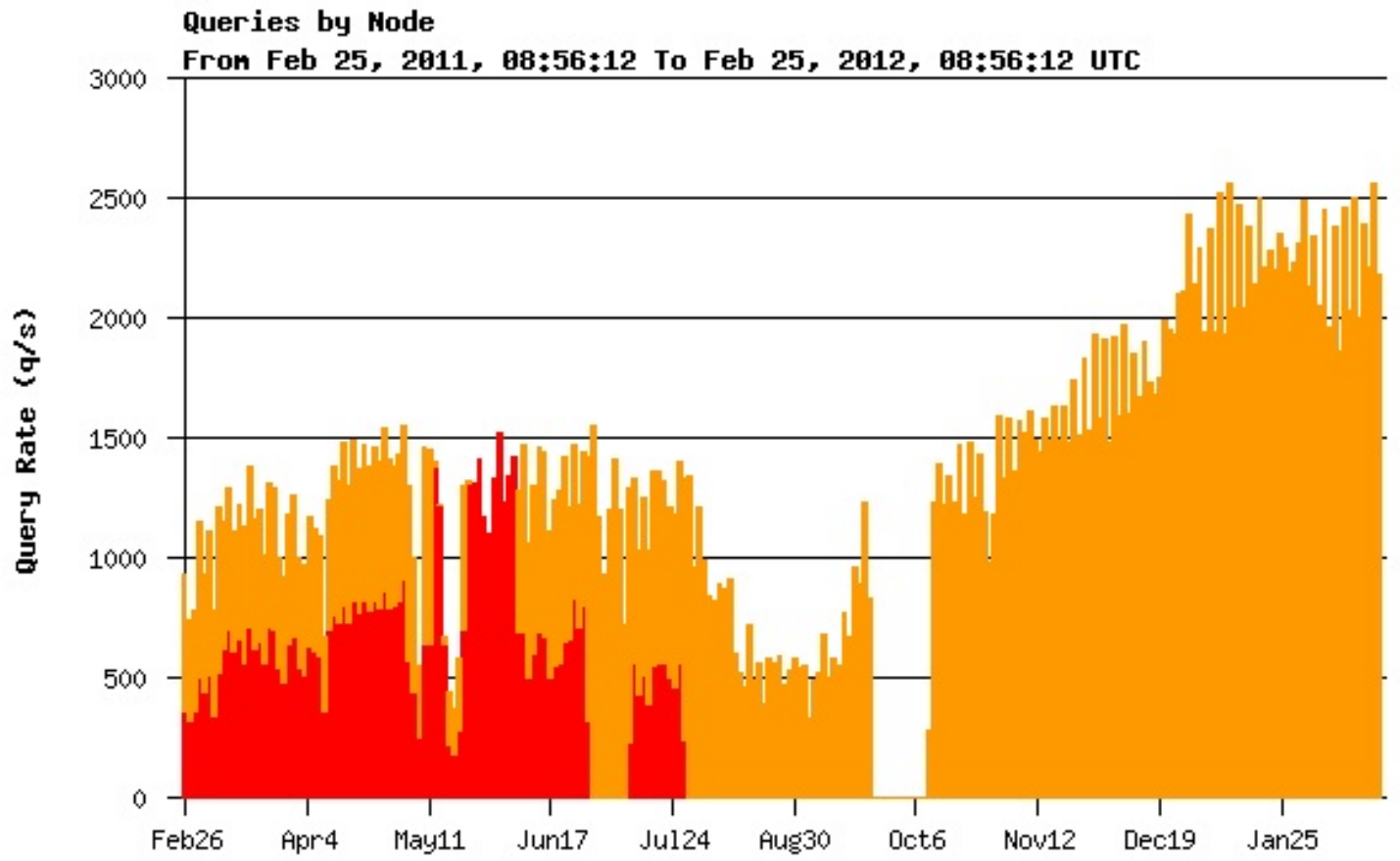
I-Root Mumbai Query per Second



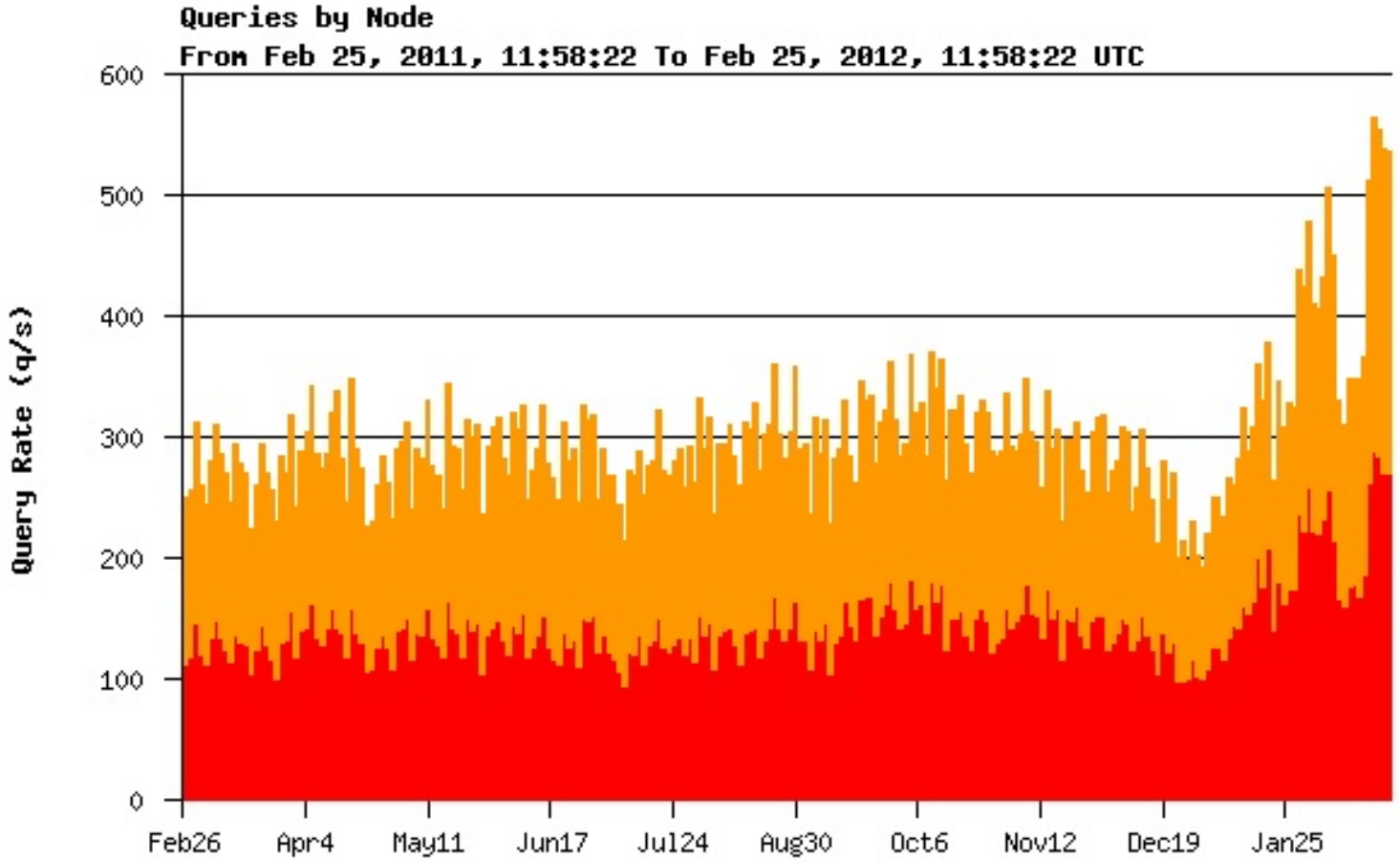
I-Root Hong Kong Query per Second



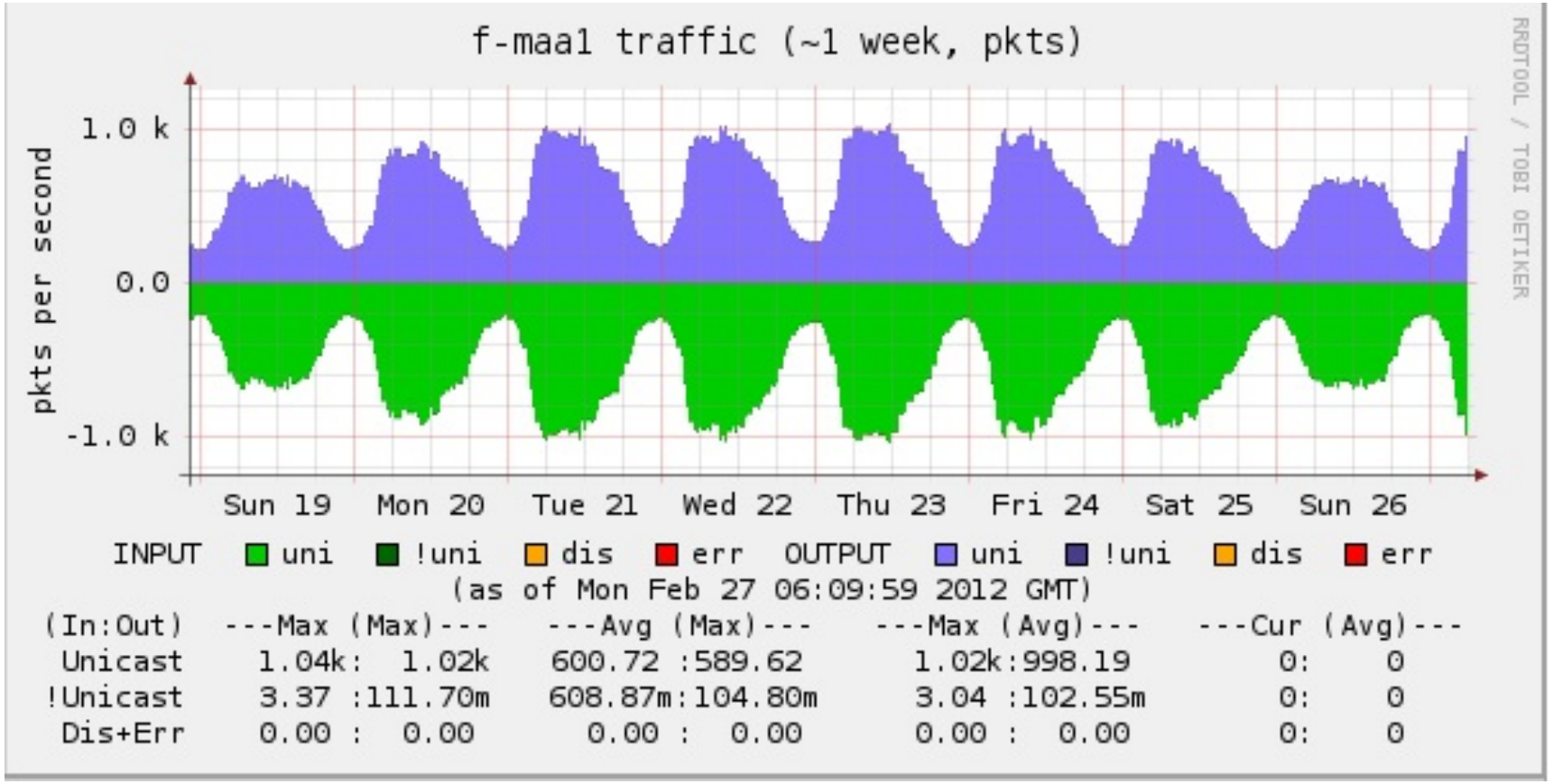
K-Root Delhi Query per Second



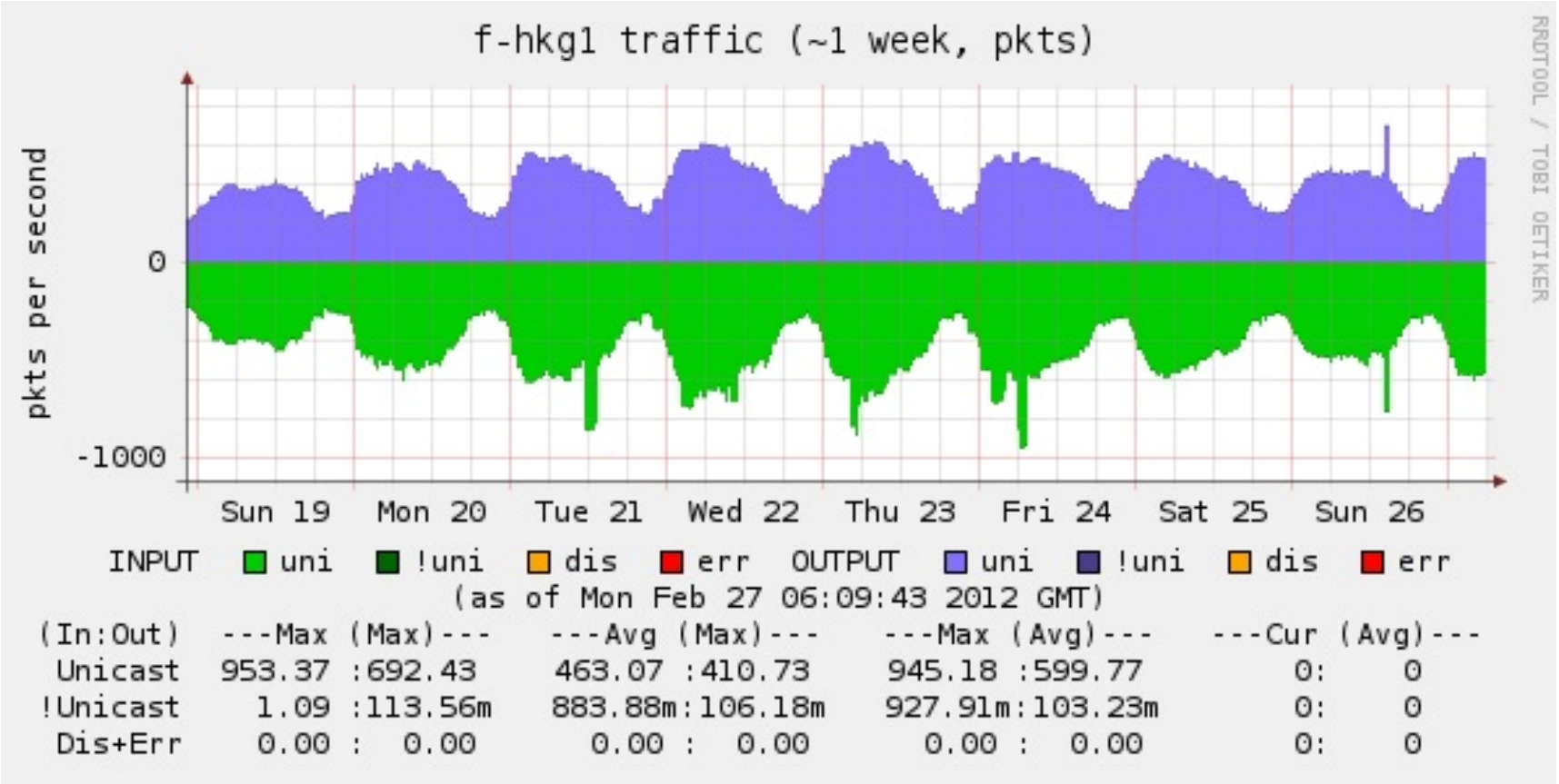
K-Root Brisbane Query per Second



F-Root Chennai 966 queries per second



F-Root Hong Kong 642 queries per second



RootServer Projects for 2012?

- Complete rebuild of F-Root installation in Chennai. 3 servers and 2 routers. **MARCH**
- APNIC will be trialing a small form factor f-root installation in Dhaka. 1 router & 1 server. **MARCH**
  - Cost effective solution for developing countries with low traffic.
- Rebuild of F-Root installation in Hong Kong. **AUGUST**
- Router replacements for F-Root Korea. **AUGUST**
- Minor service work at I-Root & K-Roots installations around the region.
- 2 new sites are in negotiation more info at APNIC 34.

Thank you