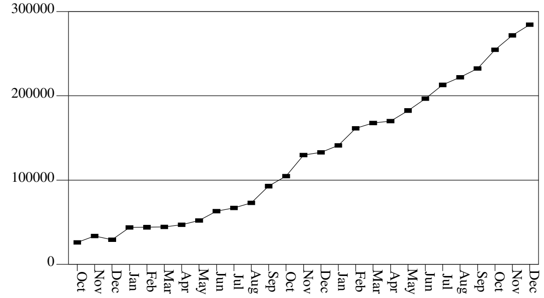
RIPE NCC Report

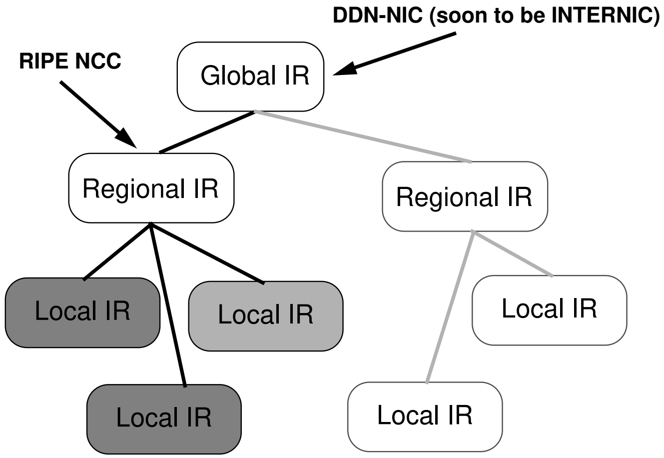
DNS

- count decentralised (see Marten)
- output available on `ftp.ripe.net`

RIPE DNS Hostcount History 1990-1991-1992



Registry



Class C Assignments

- assigned by local IRs (NCC where none exists)
- according to CIDR plan (aggregation)
- currently using 193.x.y.0
  - 100 blocks delegated by RIPE NCC
  - 100 reserved
  - 56 free
  - 6015 network numbers assigned during reporting period (about 100/working day)

- **Thanks to the local registries!!!**

Class B Assignments

- assigned by RIPE NCC
  - consultation with relevant local registries
  - consultation with requestor
  - less than 20% of requests *reaching NCC* lead to class B assignment
- Numbers come from small pool
  - global IR has not replenished pool
  - RFC1366 problem
  - reclaim action ongoing
- 11 assigned during reporting period

Registry Actions at NCC

- 178 applications received
  - 86% of applications completed in 1 day
  - 97.4% completed within one week
  - only 30% via electronic mail
  - NCC answers via FAX wherever possible
  - FAX integrated with electronic mail
  - all mail/FAX correspondence in full-text database
- many more telephone calls
- more applications directly to NCC
- more applications directly to local registries

Registry

- success due to European common database exchange format (RIPE DB format)
- common application form needed‘
  - will facilitate passing *applications* between registries (with necessary information)
- first version of *global* exchange format done
  - DDN NIC, MERIT (NSFnet), RIPE NCC
  - NCC can generate automatically
  - DDN NIC cannot accept yet (manual entry)
- EU assignments take *long* to get into NIC database

Registry

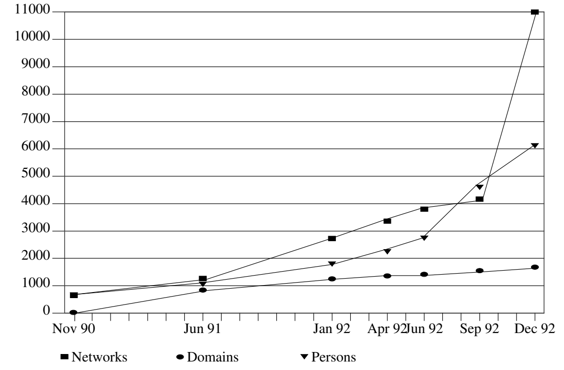
- leads to problems with NSFnet connectivity, alleviated by change in MERIT procedure
- problem hopefully fixed soon (INTERNIC)

- `193.in-addr.ARPA` delegation
  - simplifies maintenance of reverse mapping information in DNS
  - principle agreed
  - needs to be implemented

- for details about allocations see Appendix B&C of RIPE NCC Quarterly Reports

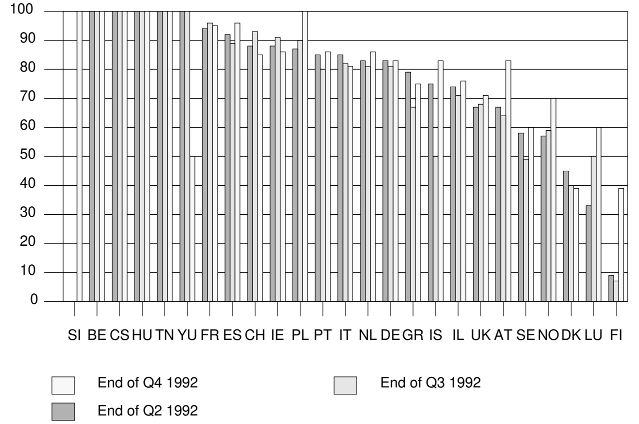
Database

RIPE Database Objects



- ❍ network increase due to assignments
- ❍ further increase expected due to routing info

Networks in DNS Registered in RIPE Database 1992



Database

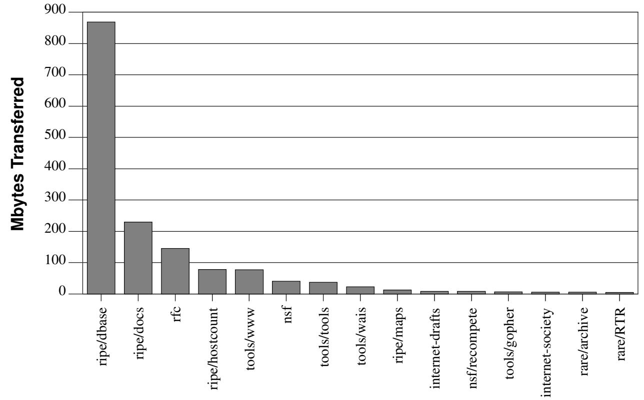
- ❍ Full Release of Software
- ❍ Secondary Database Servers Encouraged!
  - ❍ Needs Maintenance!
  - ❍ Needs good connectivity
  - ❍ GR (FORTH) almost active

- ❍ NCC processes about 240 updates/working day

Document Store

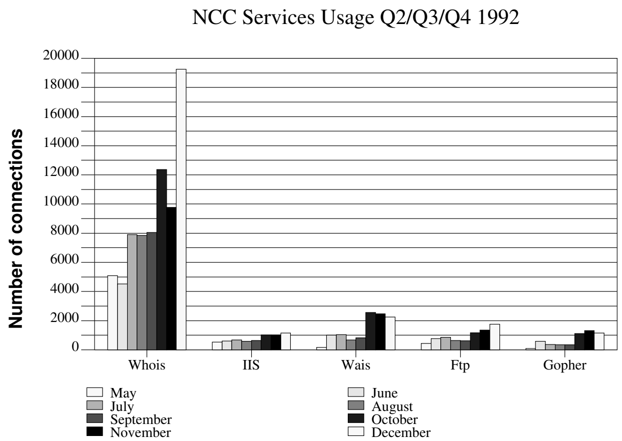
- ❍ RIPE and Internet information is the most popular

Most Popular Archive Sections Q4 1992



RIPE ncc

Information Services



RIPE ncc

Other Activities

- ❍ Working Group Support
- ❍ Meeting Support
- ❍ Preparation of Projects

RIPE ncc

Summary

- ❍ general improvements in all activities
- ❍ good decentralised structure helps
  - ❍ ... but has its own problems
- ❍ activity plan needs revision

RIPE ncc

Summary

IT IS STILL FUN!!!