RIPE NCC Annual Report 1993

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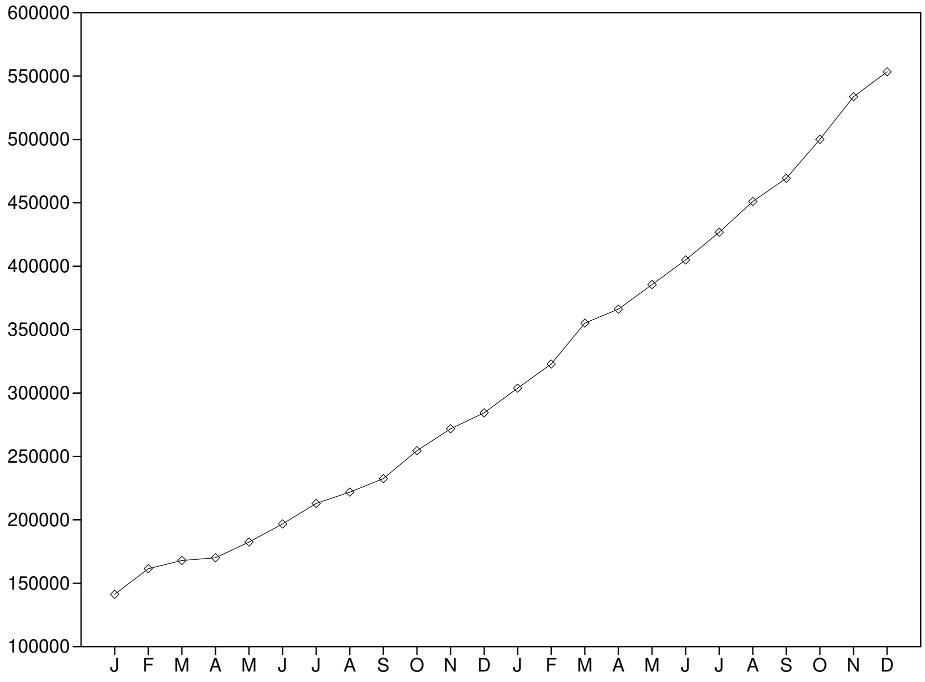
The RIPE Network Coordination Centre supports all Internet service providers in Europe. The NCC is funded by the European Internet service providers. RARE provides the formal framework for the NCC.

The main activities center around European Internet coordination. The following graph shows the number of individual European Internet hosts registered in the domain name system for 1992 and 1993. The European Internet roughly doubles in size every year.

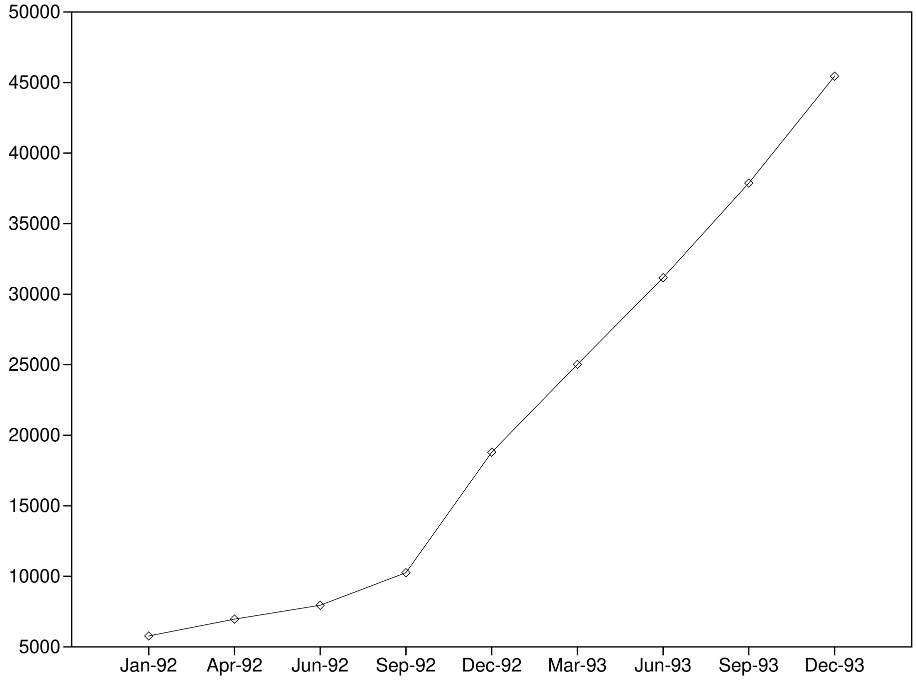
RIPE NCC Hostcount 1992-1993



The most visible activity of the NCC is the regional Internet registry whose task is the assignment of Internet network layer address space to European enterprises. For this purpose a distributed system has been set up. 83 local registries operated by Internet service providers assign address space locally. The NCC as regional registry delegates address space to the local registries, supports them and ensures that address space assignment occurs in a fair and regular manner. The NCC also deals with requests for large amounts of address space and requests from enterprises for which no appropriate local registry exists. The European Internet registries have assigned 16871 network numbers during 1993.

The RIPE NCC maintains the RIPE network management database containing information about IP networks, DNS domains, Routing Policies and the appropriate contact persons. The number of entries in this database is shown in the graph below. It has been increasing faster since the European Internet registry system has become fully operational in September 1992.

Entries in the RIPE Database 1992-1993



During 1993 the NCC has totally re-designed and re-implemented the update process for the database. This is now fully automatic for almost all updates. During 1993 a total of 157004 updates has been processed.

The NCC also maintains the RIPE document store which stores all RIPE documents and a host of related information. It is accessible by the classical Internet services, common resource discovery tools and from the public X.25 networks.

During 1993 the NCC has been operating well within its budget. The unexpectedly low expenditure on travel is due to major meetings being held in Amsterdam (IETF, RIPE meetings).

1993 NCC Expenditure (in kECU)

	Budget	Actual
Staff	140	133
Computing Equipment	20	15
Travel	25	9
Rent, Services	29	22
Recruitment	2	2
Total	216	181

The NCC staffing level has been constant since the start of operations in April 1992. Due to the increased workload caused by the growth of the European Internet more staff will be needed in 1994.

During 1993 the three special projects have been carried out at the NCC under the RARE technical program. The "European Route Server" and "Generic Internet Service Description" projects have been concluded successfully resulting in among other things a European route server deployed at the GIX. The PRIDE (Policy-Based Routing Implementation and Deployment in Europe) project has started and resulted in a well populated European routing registry as well as a first set of tools to use the information in that registry. PRIDE continues in 1994. All special projects are funded by interested parties separately from the NCC core services.

For a detailed description of NCC activities see the NCC activity plan produced by RIPE and the Quarterly Reports published by the NCC. These and other related documents are available from the RIPE document store or directly from the NCC at `<ncc@ripe.net>` or +31 20 592 5065.