

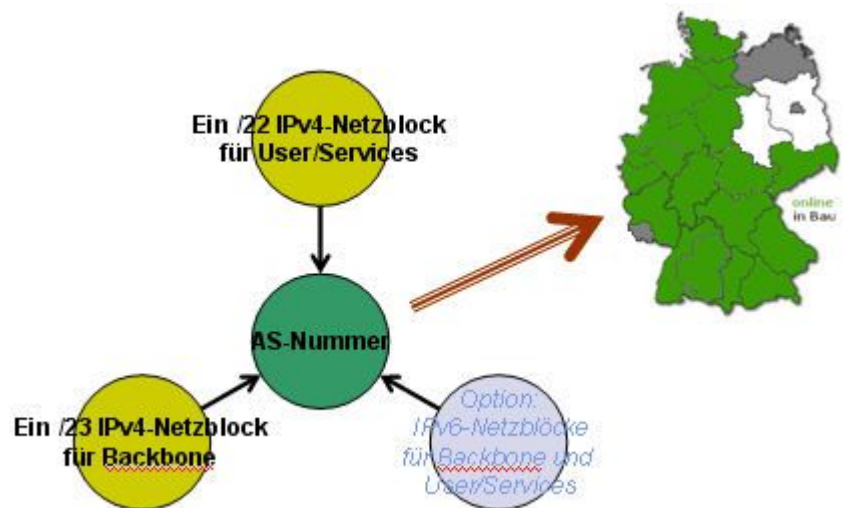
AMPRNet IP Coordination Germany



The German **AMPRNet** IP-Coordination is a working group which has been elected by the Community of all German Radioamateurs. It works in a kind of „**AMPRNet National IP Registry (ANIR)**“ for the german parts of the worldwide TCP/IP-network for Radio-Amateurs, also called NET-44 or AMPRNet. DL-IP-Coordination Germany is supported by regional IP-Coordinators in a kind of „**AMPRNet Regional IP Registry (ARIR)**“. In many german sub-regions these guys are the responsible persons for any questions, problems and requests from Radioamateurs out of those sub-regions concerning participation in the NET-44. **ARIRs** can manage their submitted IP-ressources independantly within the region they are responsible for.

Tasks and Services

DL-IP-Coordination Germany develops and maintains some essential Services for the German part of the AMPRNet:



- Assigning **AS-numbers** (**BGP-routing**) for the german **HAMNET** in conciliation with adjacent European Countries
- Maintaining a **WHOIS**-server for the HamRadio-services for internal documentation and information about all German networks in HAMNET. HamCloud, IPIP-mesh etc
- **Assigning** of IP-networks to the **AS-numbers** in the German **HAMNET** and registering those entries in „ampr.org“
- **Assigning** of IP-addresses in the german networks and registering them in the „ampr.org“ domain
- Organizing and maintaining a german-wide concept of **regional zones** with „de.ampr.org“ sub-domain
- Maintaining 3 main DNS-servers as (**DNS-Hubs**) for HAMNET with mirrors in HamCloud (*located at universities of Duisburg-Essen, Dresden and Nuremberg*)
- Developing and submitting software for **synchronization** and plugging regional DNS-servers to the national **DNS-hubs**
- Developing and maintaining automatic **updates** to the wordlwide DNS-servers for the domain „ampr.org“
- Developing and submitting of **publications** about technical realisation of ip-coordination in Germany
- Holding **presentations** about technical solutions for coordination of ip-networks during meetings

and exhibitions

- Supporting the regional maintainers and admins in the local autonomous systems (AS)
- Planing and realization of innovative concepts (e.g. „anycast“ in amateur-radio-networks etc)
- Tight cooperation with the maintainers of the international non-profit-domain [ampr.org](http://de.ampr.org)
- Providing/maintaining one of the authoritative DNS-servers for the worldwide AMPR.ORG domain (*ampr-dns.in-berlin.de* hosted by [BCIX](#) Berlin at [Individual Network e.V](#))

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