

DFN

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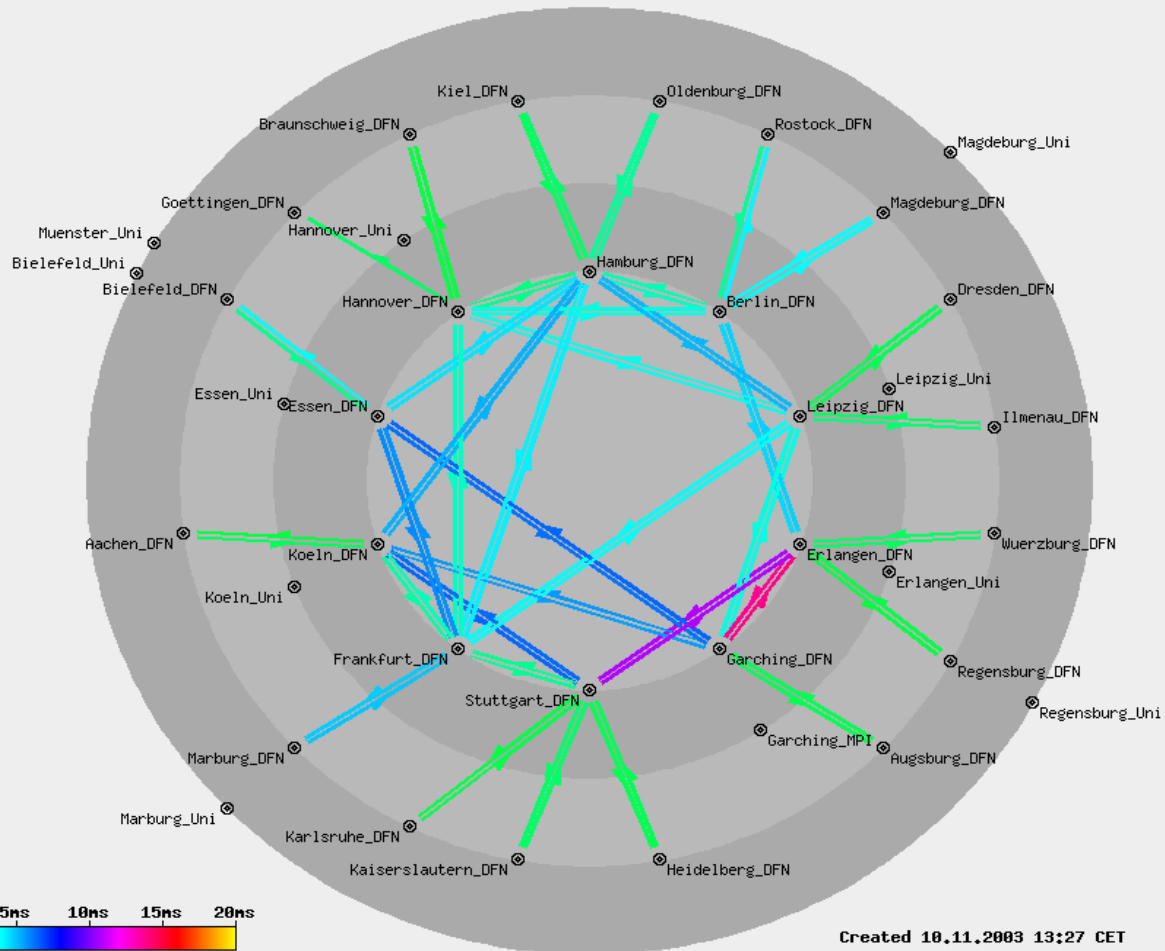
- Current state of G-WiN network providing IP Service (ipv4)
 - Connected users mainly German Research Institutions and Universities, access speed up to 1 Gbps
 - Currently implemented core network using 2.5 and 10 Gbps links, GEANT Peering with 2.5 Gbit/s (10 Gbit/s upgrade in Q1 2004)
 - QoS by Overprovisioning in backbone, prioritisation on access lines on cases by case basis
- IPv6 Service provided by 6WiN network
 - dedicated platform maintained by project team
 - providing native and tunnelled user access
 - Peerings with 6Net, and GEANT ipv6 service and ISPs
- Research Projects
 - Participated in SEQUIN
 - Participating in preparation of new projects, incl. GN2



Aktuelle OWD-Messungen

Hilfe

[Zur Auswahl aller Messungen](#)



Remark:
Direct link
Karlsruhe-Frankfurt
not shown here

Current Support of 'GRID' community (1)

- Provisioning and Validation of End-to-End High Speed IP connectivity
- Up and Running Pilot:
 - Currently 1 Gbps access of Forschungszentrum Karlsruhe
 - Bulk Data Transfer with CERN validated:
more than 900 Mbps over 60 min on IP layer
Path FZK <-> G-WiN <-> GEANT <-> CERN
 - Troubleshooting End-to-End QoS problems and coordination of different domains
 - Strong user support and cooperation

Current Support of 'GRID' community (2)

- Setup of Performance Measurement Framework
 - IPPM Measurement System (within G-WiN up and running)
 - Available Bandwidth Measurements, done on demand (Measurement Box with GE core router connection up and running)
IPERF based measurements
- Field Trial of end-to-end L2 connectivity over WAN
 - Preparation of L2 Path:
FZK <-> G-WiN <-> GEANT <-> GARR <-> INFN