



IPv6 Cluster meeting - X

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Main IPv6 Research areas

- Routing (IX layer 3)
- Mobility
- QoS deployment and measurement
- Multicast
- Security
- Broadband PLC with IPv6
- VoIPv6, multimedia, streaming
- IPv6 Digital Set-Top-Box
- Code porting
- Some applications

Key IPv6 results

- PKIv6
- Several code porting and applications
- IPv6 videophone
- Introduction of IPv6 in Europe
- Introduction of commercial PLC with QoS
- Home networking, home automation
- Several standardization results

Main IPv6 research challenges

- Coexistence and transition
- IPv6 and Ambient Intelligence
- IST and IPv6
- New security framework
 - Distributed firewalls ?

Most pressing issues for IPv6 deployment

- Multihoming
- Applications
- Business models
- IPv6-enabled devices
- Last, but not least ... native access support
 - Low cost routers
 - Low cost ISPs offerings

Thanks !

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- **Madrid 2004 IPv6 Summit, information soon available at:**
<http://www.ipv6-es.com>