

Multicast IPv6 in GÉANT

TF-NGN

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DANTE

IPv6 Status in GÉANT

- **IPv6 Pilot Service since June 2003**
- **IPv6 Full Operational Service in October 2003**
- **23 NRENs already connected**
- **Interconnections with Abilene, Esnet, Canarie and Sinet**
- **Connection with GX/Telia established**

AND NOW ?

–*What next:* **Multicast IPv6**

–*How:*

–Collaborative work DANTE-NRENs => Create IPv6Mcast TF similar to the GÉANTv6 TF

–Make use of equipment available in GÉANT test bed

OBJECTIVES

- Define type of Service: SSM, ASM....??
- Define requirements needed for offering the service
- Describe requirements to different vendors if develop is needed
- Inputs for GÉANT set up

TEST BED

- Equipment available in GÉANT test bed
 - 3 x M20 Juniper for first tests
- Later => Interoperability
 - Usage of 2 x 7K plus Alcatel in GÉANT TB
 - Connection of GÉANT test bed with other tests networks
 - NRENs test beds ?
 - M6Net ?
 - Others?