

MULTICAST IPv6

**TF-NGN Meeting
Madrid**

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Multicastv6: Status I

- After last TF-NGN meeting call multicastv6 task force created: DANTE, FCCN, Renater, Uninett
- Aim: To have a basic pilot service defined and implemented by the end of the year
- First documents under discussion

Multicastv6: Status II

- Main items under discussion:
 - Enhance requests to Juniper
 - First tests using GÉANT and others testbed
 - Future GÉANT design

Multicastv6: Status III

- *Enhance requests done to Juniper*
 - Embedded RP
 - IPv6 Zone Boundaries for BSR messages
 - Multicast IPv6 tunnel over IPv6
 - Access lists for RP
 - Flooding BSR
 - Scoped BSR for ipv6 and bi-dir PIM => Future requests

Multicastv6: Status IV

- *Testing*
 - Goal?: Test Basic connectivity and multicast features already available as: PIM SSMv6 / PIM Hello option 24 / MLDv1 / MLDv2 for SSM / Static RP....
 - How?: LSP / CCC or v6/v4 tunnels to connect GÉANT test bed with Renater M5 => Allows connectivity to M6bone
 - Others: Beacon enable in test bed for monitoring
 - Detailed proposal available in the following days

Multicastv6: Contact

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