

GN2-JRA4

Technology and Services Testing

TF-NGN Madrid

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Martin Mogensen / Marian Garcia

Operations

DANTE

JRA4 Current status

- First meeting at DANTE on 28th November 2003
- Only few changes needed compared to GN2 proposal:
 - Little disagreement between participants
 - More emphasis on JRA4's own research activities
 - Manpower reduced from 204 to 119 manmonths
 - Equipment and connectivity budget unchanged: 2.6 million Euro (50% EC funding)
- Next step: Assign manpower to NRENs

Purpose of JRA4

To build a distributed testbed in support for:

1. Other GN2 activities
2. Other FP6 projects
3. Technology testing

JRA4 Activities - 1: Support GN2 activities

- Facilitate test requests of JRA's and SA's
- Allow development of future GN2 services
- Testbed will be connected to NREN test facilities to allow interdomain testing

JRA4 Activities - 2: Support FP6 projects

- Facilitate test requests of FP6 projects
- FP6 equipment can be placed in GN2 PoPs where space is available
- JRA4 will report on testbed usage for FP6 projects

JRA4 Activities - 3: Technology testing

- Facilitate cooperation of NRENs
- New technology as suggested by NA6
- Testing focus on: *OEO, DWDM, CWDM, 40 GE, increasing distances operating dark fiber.....*
- Gaining more experience with network technologies not currently used in research networking

Manpower and budget

- Requirements, design, operational procedures (15mm)
- Implementation (18 mm)
- Operations, including support to GN2 JRAs/SAs and FP6 projects (40 mm)
- Own research activities (40 mm)
- Requirements review every 12 months (6 mm total)
- Manpower needed: 119 mmonths / 10 myears
- Equipment and connectivity budget: 2.6 M€

PERT chart – first 18 months

