

# Performance Monitoring

**TF-NGN meeting,  
Madrid (ES), 22/01/04**

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# Status Update

- **Driver module**
  - Implemented at 80%.
  - DB integrated and regular updates
    - DB contains the singletons for OWD, jitter as well as information concerning the error on the measurement. Singleton store for 15 days.
      - Period during which the singleton are kept is a parameter
    - Statistics (max, min, avg, 95th percentiles) every 5 min.
      - the interval is a parameter
- **By April, we should have a tool providing OWD and jitter data as per one domain through an interface.**

# Status Update

- **Request Schema**

- working on a request schema within the NMWG (GGF) to be used for the user interface. First draft presented to the working group.
  - UCL, Internet2, Darsbury Laboratory and Dante
- Text

- **Deployment of two additional RIPE TTM under investigation (IE, IT).**

- Wanted to re-use GPS antenna signal from somebody else to avoid heavy installation cost incurred in carrier hotel, but not always obvious.

- We have heard about a signal splitter for trimble antenna...

# Status Update

- **Path Finder**
  - Nothing new...
  - Will set up a working group with Internet2 PiPEs to work on that issues. They are encountering the same need.

## Next Steps

- **Development of a visualisation tool to demo the driver (April).**
- **IP available bandwidth tool developed by Cesnet.**
  - Integration within the infrastructure by Dante.

## Collaboration with Internet2 PiPEs

- **Loads of points in common. Scope for collaboration**
  - exchange of information
  - system compatible
  - join development
- **I2 will set-up a repository for OWAMP (OWD tool) and BWCTL (wrapper for iperf tool) code.**
  - We can use it and improve it.
- **Meeting at CERN where I2 and GN2 JRA1 will jointly present their views to users and get their feedback (16-17/03).**

# Collaboration with Internet2 PiPEs

- Meeting followed by a workshop for GN2-JRA1 participants.
  - I2 will present their infrastructure, their tool and share experience.

## On the road to GN2 JRA1

- **Due to early milestone in common with SA3 (PERT and e2e QoS), the work need to start during GN1 y4.**
  - Deployment of OWD tools (OWAMP and DFN's IPPM) and BW estimation tool (BWCTL) for evaluation.
  - Evaluation of different tools and data representations.
  - Investigate user requirements.

# PERT

- **Nothing much has happened there**
  - we need cases -> if you find one suitable feel free to submit it.
  - we need to build the knowledge database -> description of cases you had and you have solved.

**Any Questions?**

**Thank you.**