SA2 current state and EGEE-III second year objectives

Xavier Jeannin (CNRS/UREC)

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www.eu-egee.org

e-infrastructure

Information Society and Media

CAPACITIES

SA2 – EGEE-III

TSA2.1 Running the ENOC

TSA2.2 Support for the ENOC

Operational procedures (CNRS)

WLCG Support (CNRS)

Operational tools and maintenance (RRC-KI, CNRS)

Monitoring (DFN)

Grid Network monitoring (CNRS)

Troubleshooting (DFN)

Site networking needs (RedIRIS)

TSA2.4 Management and general project tasks

TSA2.3 Overall Networking coordination

IPv6 (GARR, CNRS)

TT exchange standardization (GRNET)

Advanced network services (GRNET)

TNLC

Enabling Grids for E-sciencE

- **Define the exact workplan for each task**
  - Define precisely the objectives
  - Define each step
  - Define precisely of each last major step (checkpoint)
  - Provide this workplan by the beginning of October

- **We should**
  - Be realistic – especially if you have manpower issue
  - Be guided by the review recommendation
  - Prepare the transition

- **TSA2.1: Running the ENOC (CNRS)**
  - Publish procedure and code of the ENOC
  - MSA2.3.2, ENOC published Done
- **TSA2.2: Support for the ENOC**
  - TSA2.2.1: Operational procedures and follow-up (CNRS)
    - Adapt procedure for EGI Done
  - TSA2.2.2: LCG Support (CNRS)
    - Mainly the support of the LHCOPN
    - LHCOPN operational model published and adopted Mainly finished / follow start-up of LHC, DSA2.2
  - TSA2.2.3: Operational tools and Maintenance (CNRS/RRC-KI)
    - RCC-KI project
    - LHCOPN operational model Mainly finished / publish the result in DSA2.2

- **TSA2.2: Support for the ENOC**

  - TSA2.2.4: Network monitoring

    - **TSA2.2.4.1: Troubleshooting (DFN)**

      - *Development and deployment of PerfSONAR-Lite TSS*

      - *First version (work in good shape)*

        o Client is ready / Serveur is nearly ready / Authorization need to be adapted / deployment / DSA2.2

        o EELA collaboration (CNRS)

    - **TSA2.2.4.2: Site network needs (RedIRIS)**

      - *Deployment of PerfSONAR and analysis*

      - *Documented the result in DSA2.2*

      - *EELA/collaboration*

    - **Grid network monitoring study (CNRS/GARR/RedIRIS)**

      - *perfsonar-based architecture*

        o Adapting PerfSONARLite TSS ? (CNRS)

        o Adapting the PerfSONAR MDM solution of GEANT (RedIRIS)

      - *Using grid jobs (CNRS/GARR)*

- **TSA2.3: Overall networking coordination**
  - TSA2.3.1: Relationship with NREN, TNLC (CNRS)
    - Support on Ticket trouble management and monitoring
  - TSA2.3.2: Advanced network services (GRNET)
    - SLA automation
      - *Advanced network services reservation system (nearly finished)*
      - *To be installed into the ENOC*
    - Study of Detail during this meeting
      - *A complete study of the relevance and feasability of advanced network services tools produced by GEANT (e.g. Autobahn) and other EC-funded projects (e.g. Federica) for EGEE*
      - *participation in standardization activities (e.g. WGs of OGF, QoS&SLA WG of ECSS)*
      - *MSA2.4*

Enabling Grids for E-sciencE

- **TSA2.3: Overall networking coordination**
  - TSA2.3.3: IPv6 follow-up (GARR/CNRS)
    - Main objectives have been already achieved
    - Next objectives :
      - *Certification process*
      - *Continue to test/validate gLite component*
      - *MSA2.5*
  - TSA2.3.4: Trouble ticket exchange standardization (GRNET)
    - Trouble ticket normalization software delivered (nearly finished)
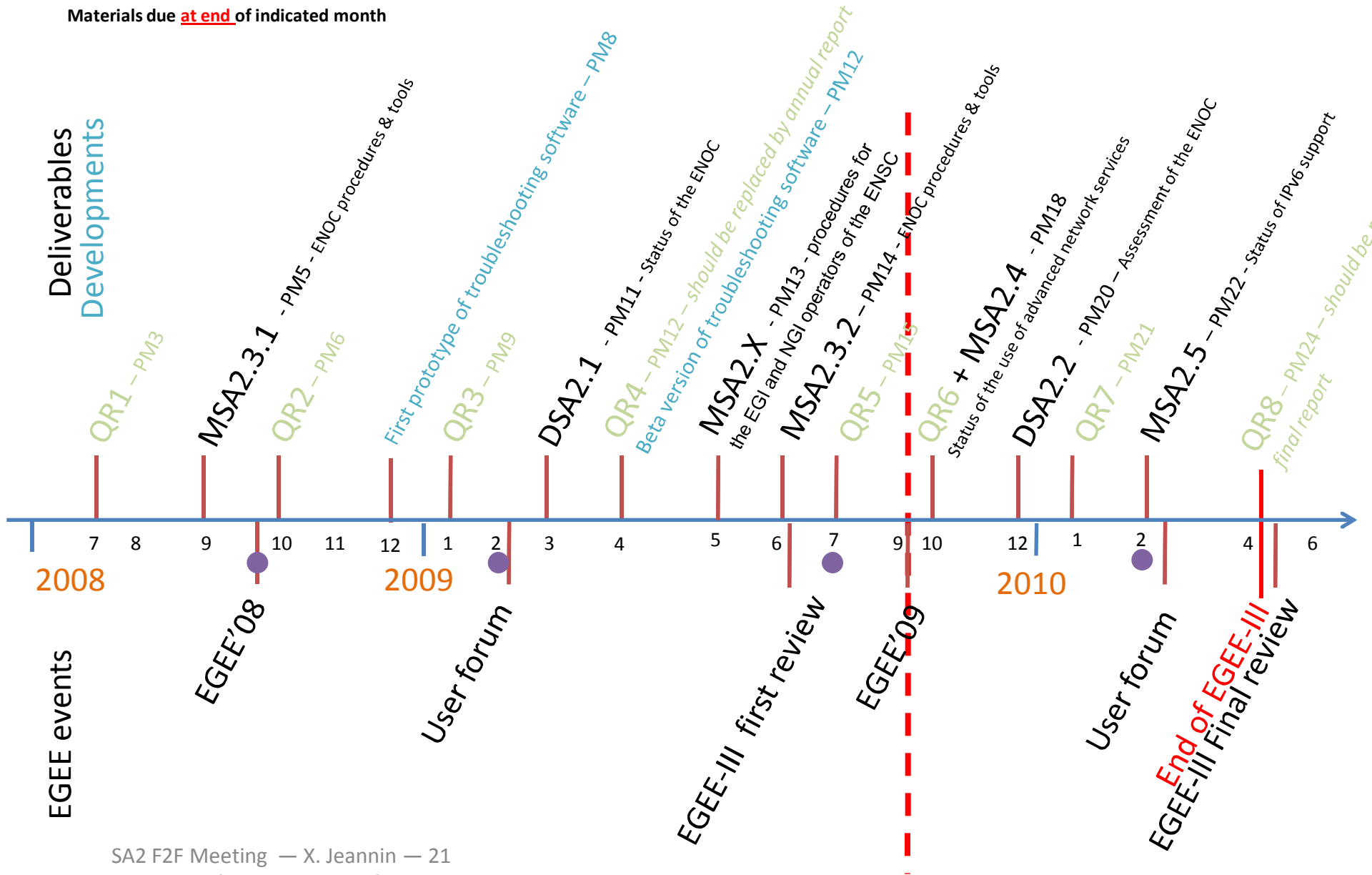   - Software documentation
    - Dissemination

SA2 deliverables' roadmap and main EGEE events

QR: Quarterly report
TNLC: Technical network liaison committee
Materials due <u>at end </u>of indicated month

+ 4 TNLC ●

Deliverables
Developments

QR1 – PM3

MSA2.3.1 – PM5 – ENOC procedures & tools

QR2 – PM6

First prototype of troubleshooting software – PM8

QR3 – PM9

DSA2.1 – PM11 – Status of the ENOC

QR4 – PM12 – should be replaced by annual report

Beta version of troubleshooting software – PM12

MSA2.X – PM13 – procedures for the EGI and NGI operators of the ENSC

MSA2.3.2 – PM14 – ENOC procedures & tools

QR5 – PM15

QR6 + MSA2.4 – PM18

Status of the use of advanced network services

DSA2.2 – PM20 – Assessment of the ENOC

QR7 – PM21

MSA2.5 – PM22 - Status of IPv6 support

QR8 – PM24 – should be final report

7 8   9   10   11   12   1   2   3   4   5   6   7   9   10   12   1   2   4   6

2008

2009

2010

EGEE'08

User forum

EGEE-III first review

EGEE'09

User forum

End of EGEE-III

EGEE-III Final review

EGEE events

- **Most of works are finished, nearly finished or in a good shape (no extension of EGEE)**

- **EGEE: "last mile" 7 months**

  - **Focus to EGEE reviewer recommendation**

  - **Document our work (Deliverable/Milestone)**

  - **Published SA2 software**

  - **ENOC components MUST be stabilized (or at least technical scope exactly foreseen) before Dec. 2009 to enable smart transition to EGI**

- **Transition towards EGI ?**

  - **Network activity will be lowered considering EGI manpower**

  - **Rotate international task (ENOC/ENSC) around current SA2 partners**

  - **Maintain the collaboration with the NRENs, how?**

Discussion