# SAM probes WG Introduction

## M.Radecki/COD

4.02.2013

e-infrastructure

# Status of SAM probes

- Legacy SAM probes
- New SAM probes provided by 3rd party technology providers (EMI, IGE, QCG, desktop grids)
  - Integration of EMI probes will be possible from approx. Spring 2013 because of dependency problems
- Need of
  - Revision of business logic and error messages of current probes (e.g. ARC)
  - Evaluation of new probes before integration into SAM
- Proposal: permanent working group, coordinated by COD with participation of NGIs, expertise needed for various software stacks (globus, EMI, QCG etc.)

OMB - October 2012

- ## Problem
  - – Some NGIs unhappy about the current status of some production SAM probes (error messages, business logic), e.g. ARC probes
  - – Probe policy and frequency need to fit operational needs
  - – Current Nagios probe provisioning
  - – Legacy SAM probes
  - – Internally sourced within the project
  - – From technology providers
  - – UMD sw verification based on general quality criteria — not suitable for capturing the operations needs for a specific probe

OMB - November 2012

- ## Proposal
  - – **Permanent working group with the following mandate**
  - – Evaluate existing current nagios probes starting from known problem areas
  - – Evaluate new probes before integration within SAM
  - – Propose OMB probes to be integrated/rejected
  - – **Membership**
  - – NGIs with expertise (ARC, gLite, dCache, UNICORE, Globus…)
  - – COD coordination

OMB - November 2012

# Nagios probe AB

- Kickoff the Nagios Probe Advisory Board under COD coordination
- Proposal
    - Invite ARC-based NGIs to participate to provide feedback about the current ARC probes
    - Indicate 1 expert per NGI
    - Denmark, Estonia, Finland, Latvia, Lithuania, Slovenia, Sweden, Switzerland, Ukraine
    - Doodle: http://doodle.com/mzcruxd3nvnd32gh

OMB - December 2012

"It is agreed that different groups should be formed to evaluate the probes according to the related stack (gLite, ARC, UNICORE, GLOBUS etc.). **ACTION (COD) to organize participation to sub-groups from NGIs**."

OMB - December 2012

# WG environment

- Our tasks
  - where do we get tasks from (input)
  - what is expected outcome (output)
- Required expertise
- Tools
  - wiki page
  - RT
  - indico
- Next steps
  - Short term
  - Long term