



Introduction

Discussion on NGI
status

12th May 2009



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Goal of today's discussion

- For WLCG it is important that at the end of EGEE-III that we have a service that:
 - Does not break
 - Provides all that we currently rely on
 - Is supported and maintained in each country (Tier1/Tier2)
- Are you in a position to ensure that in your country?
 - Will you ensure this via an NGI?
 - If so what is the status of preparation of real plans in that NGI?
 - If not – will you continue to provide services as now?
 - Do you have a real problem?
- What changes must we (WLCG) expect and have to deal with?



Sent questions to guide answers

- Which services you currently provide for WLCG (via EGEE) that you will commit to continue to support (see attached slide) – what is the level of effort you currently provide for these (separated into operation, maintenance, and development)
- Which services you will not be able to continue to support, or where the level of effort may be significantly decreased that may slow developments, bug fixes, etc.
- What is the state of the planning for the NGI:
 - Will it be in place (and fully operational!) by the end of EGEE-III?
 - What is the management structure of the NGI?, and
 - How do the Tier 1 and Tier 2s fit into that structure?
 - How the effort that today is part of the ROCs (e.g. COD, TPM, etc) for supporting the WLCG operations evolve? How will daily operations support be provided?
 - Does the country intend to sign the Letter of Intent and MoU expressing the intention to be a full member of EGI?
 - Which additional services could the Tier 1 offer if other Tier 1s are unable to provide them?
 - Other issues particular to the country, or general problems to be addressed.
- What are the plans to maintain the WLCG service if the NGI is not in place by May 2010, or if EGI.org is not in place.



EGEE Services needed by WLCG (Plan B)


- **GGUS**
 - Relies on connections to local support ticket systems – today in ROCs and sites
 - → Tier1 and Tier2 sites?
 - COD, TPM
- **Operations and Service coordination**
 - CERN + EGEE ROCs
- **ROCs:**
 - Support effort (TPM, COD) → moves to Tier 1s?
- **EIS team – CERN (largely LCG funded)**
- **ENOC**
 - Coordination of OPN operations- currently by IN2P3
- **Deployment support:**
 - m/w deployment/testing/rollout/support
 - Pre-production testing – effort and resources
- **Operational Security coordination**
- **Policy development**
- **Accounting:**
 - APEL – infrastructure/DB and service
 - NB Italy uses DGAS and publishes into APEL; OSG + ARC publish into APEL
 - Portal – CESGA
- **GOCDB: configuration DB**
 - Important for all configurations and definitions of sites and services
- **CIC Portal:**
 - Contact information, VO-ID cards, broadcast tool, Automated reporting,
- **Availability/Reliability:**
 - SAM framework (and migration to Nagios); SAM tests
 - Gridview/Algorithms etc:
 - GridMap:
 - MSG
- **Dashboards**
 - Service, framework and common services
 - Experiment-specifics
- **Middleware ...**



Next steps

- Document – draft written, describing services needed by WLCG,
 - How they are provided today
 - How they will be provided next year (from today?)
 - Status of NGI preparations that concern WLCG (from today)
 - Perhaps by written contributions from each of you answering the questions
 - Needs to evolve over the next year to track problems and preparations

- Please make sure you point out the problems that we are likely to have

Service 	EGEE provider	EGEE effort Service/maint+ dev	EGI provider (or for WLCG)	Effort (in blueprint) Service/maint+ dev
Grid Topology - GOCDB	STFC		STFC	1 + ??
Accounting repository – APEL	STFC + CESGA		STFC+CESGA	1 + ??
Monitoring data repositories – SAM etc	CERN		CERN	2.5
Operations portal – CIC portal	IN2P3		IN2P3	0.5
Ops oversight – OCC, COD	CERN, IN2P3		Coord CERN and Tier 1s	1 +??
Gstat	ASGC		ASGC	
Nagios + sensors	CERN, SRCE		CERN ??	
Messaging	CERN		CERN	1?
Dashboards	CERN		CERN	
Regional ops dashboard	IN2P3		?	
Ticketing system – GGUS	FZK		FZK	2
Ticket triage etc – TPM	ROCs		???	
Middleware deployment coord	CERN		CERN 6	1