

Deployed Middleware Support Unit

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EGI TF, September 22, 2011

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- We have to react fast and to mitigate the impact.
- DMSU is the EGI's own team of middleware experts
 - deep understanding of software internals

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- Understand what is the problem
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 - reproduce the behaviour if possible
- Provide solution or workaround
- Reassign the ticket to 3rd line support (TPs)
 - only proven defects which require a fix ($\sim 80\%$)
 - software itself, configuration, packaging, documentation, ...

- The only way to control TPs reaction time
 - covered by SLA between EGI and TP
- GGUS ticket priorities
 - *top priority* – 4h response, fix ASAP
 - *very urgent* – 2d response, fix in next cycle (3–4 weeks)
 - *urgent* – 5d response, fix in next minor/major release
 - *less urgent* – 15d response, fix in some future release
- DMSU evaluates ticket severity and impact
 - find the right balance (not all 30 tickets/w can be top priority)
 - the only GGUS SU who can reassign to TPs

- 4 *assigners*
 - handle arriving tickets
 - involve resolvers
 - meet weekly (jabber), check open tickets
 - agree on priority assignment
- 15 *resolvers*
 - provide wide coverage of deep expertise

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- MS502 defined ETA handling process
 - per-ticket “time to provide fix” assignment
 - never agreed with TPs fully
- no need to assign ETA, check ticket status and escalate
 - *top priority* – after 1 week
 - *very urgent* – after 1 month
 - others – don't check, unpredictable

- DMSU has appropriate expertise to produce middleware FAQs
- avoid to duplicate effort with TPs
- two main categories

- permanent – non-obvious way of work with middleware

How shall I upload results of my job to SE in fault-tolerant way?

- temporary – workaround of software defect with wide impact

Purge /var/run/bdii manually when upgrading to BDII version X.

- clarification of the process still required