



Enabling Grids for E-sciencE



TPM Training - Introduction

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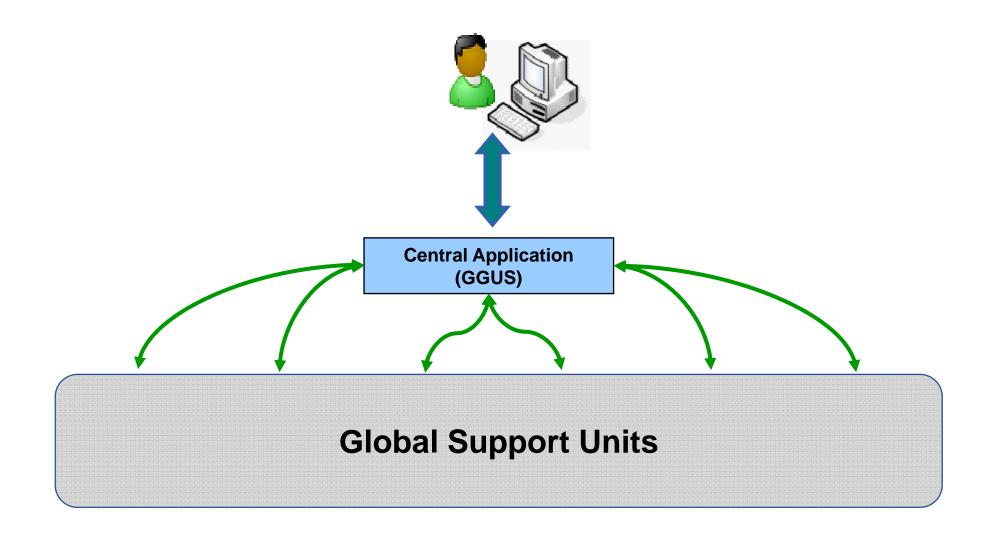




GGGG The EGEE support infrastructure **Enabling Grids for E-sciencE ROC N** RC A **VO Support** RC B RC C **ROC N VO TPM A** CIC **GGUS** COD **Portal** Central **Deployment System Network** support **Support TPM Network Middleware Support Other Grids** support **ENOC/OPN Middleware Other Grids** support

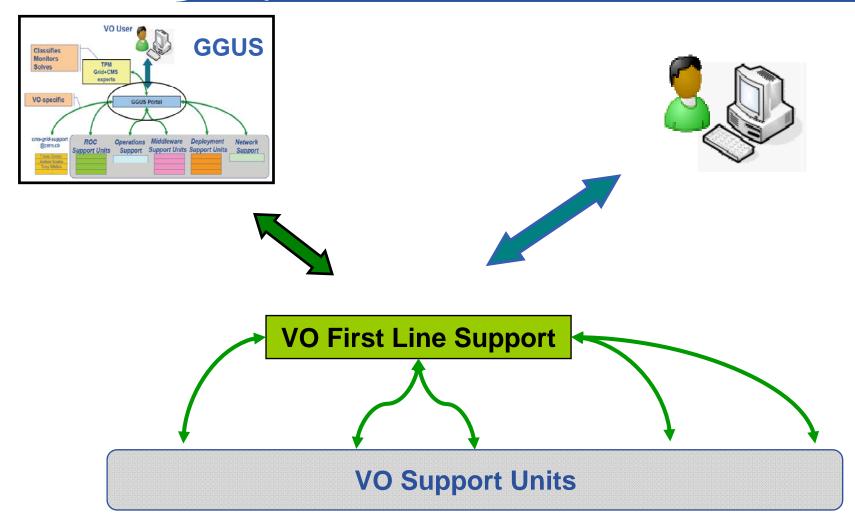


Support workflow



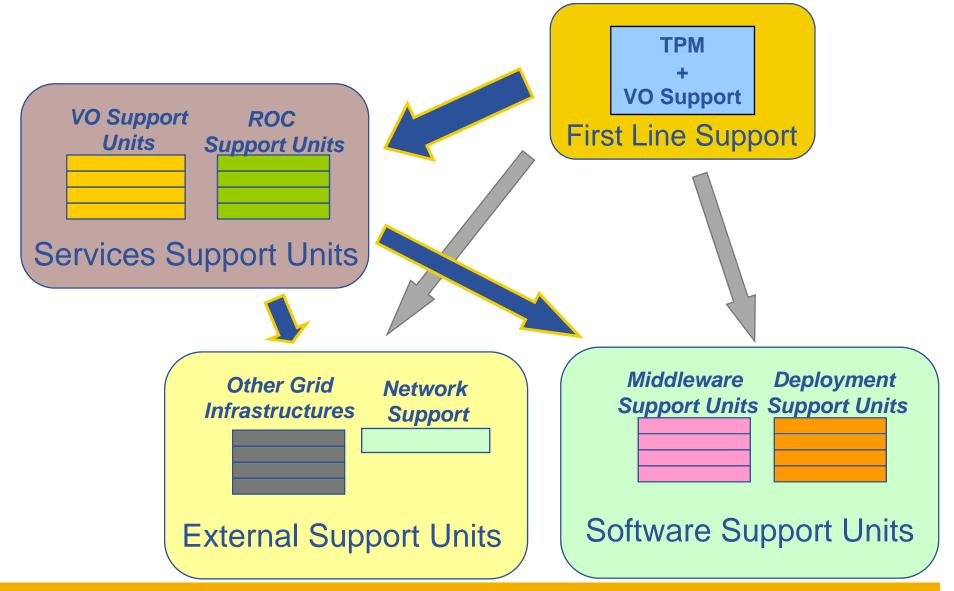


VO support workflow





Standard support workflow





GGUS management

- USAG meeting
 - Monthly meetings
 - Participation from OCC,ROCs, VOs, ...

https://twiki.cern.ch/twiki/bin/view/EGEE/SA1_USAG

- Shopping list meeting
 - Sub-group of USAG
 - Weekly meeting to prioritise requests and define content of release

https://savannah.cern.ch/projects/esc/

Monthly releases

https://gus.fzk.de/pages/owl.php



Summary of special features

Enabling Grids for E-sciencE

Alarm tickets

- Only the so called "Alarmers" can submit ALARM tickets
- "Alarmers" are experts, nominated by the VO management of one of the 4 LHC VOs
- "Alarmers" need to be registered as such in the GGUS user database
- "Alarmers" need a valid grid certificate

Team tickets

- Only the "Team" members of a LHC VO can submit TEAM tickets
- "Team" members are nominated by the VO management of one of the 4 LHC VOs
- "Team" members need to be **registered** as such in the GGUS user database
- "Team" members need a valid grid certificate
- "Team" members can update all tickets of their team, regardless if they have submitted the ticket or not



Summary of special features

	ALARM Tickets	TEAM Tickets
Ticket processing	Alarming tier-1 site admins at any time (365*24*7)	Notifying tier-1 site admins; actions will only be taken during office hours
Possible submitters	"Alarmers"; these are 3-4 experts of each LHC VO	"Team" members; these are a number of VO members with expertise
GGUS mail	ALARM mails are signed with the GGUS certificate	Notification mails are not signed

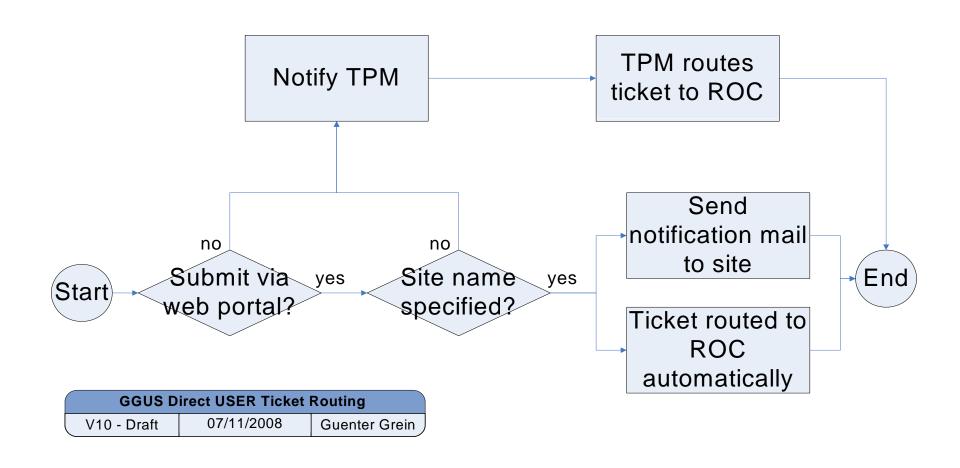


Expansion of direct routing

- During EGEE'08 discussion on how to enable the extension of Team Tickets also to Tier-2 sites
- Proposed solution: Interface between GOC-DB and GGUS to allow retrieval of site names and contacts
- Proposal to open up the direct ticket routing mechanism (as being part of the Alarm and Team Tickets) to ALL sites and ALL users
- Met with broad agreement
- If not used properly by the general user, the feature could in future be restricted to certain user groups (like the LCH VO shifters)



Workflow for direct routing





Current status and outlook

- Addition of 4 ALTAS Tier-2 sites to the Team Ticket mechanism in the GGUS October release
- Received GOC-DB dump to start work on the implementation of the direct routing feature
- Prototype on the basis of the GOC-DB dump will be included in the GGUS November release on Nov. 27th
- Proper interface to GOC-DB should be ready around the end of this year



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