



ARGUS support

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Status of ARGUS support

- SWITCH has now ZERO effort for ARGUS
- Contacts with several partners held during the summer with no clear commitment to take over any specific ARGUS component from SWITCH
- Together with A. Ceccanti and V. Tschopp a twiki has been created identifying ARGUS components and current responsibilities
 - <https://twiki.cern.ch/twiki/bin/view/LCG/ARGUSCollaboration>

ARGUS components

Component Name	Responsible	RPMS
PEP client and server (Policy Enforcement Point)	None	argus-gsi-pep-callout
		argus-pep-api-c
		argus-pep-common
		argus-pep-server
		argus-pepcli
		argus-pep-api-java (deprecated)
		argus-gsi-pep-callout
PAP (Policy Administration Point)	INFN	argus-pap-1.6.0-1
PDP (Policy Decision Point)	None	argus-pdp
		argus-pdp-pep-common
Config and Monitoring packages	None	nagios-plugins-argus
	INFN	yaim-argus_server
ARGUS EES	NIKHEF	ees
		ees-pepd-oh
		nagios-plugins-ees
LCMAPS plugin for Argus	NIKHEF	lcmeps-plugins-c-pep

ARGUS collaboration

- On 12.08 a proposal to create an ARGUS collaboration has been sent to INFN, NIKHEF, CESNET and Helsinki University
 - Some positive reactions from INFN and NIKHEF, who are already involved in ARGUS
 - No commitment to take over SWITCH components for the time being
- On 28.05 an rpm to fix some instabilities was created by V. Tschopp. This rpm is not in any of the official repositories but has been installed by CERN
 - CERN reported problems also with this version at the last WLCG Ops Coord meeting
 - We need ASAP to cover SWITCH components and make sure they are tested, certified, released and supported properly!

ARGUS Deployment

- Currently 101 ARGUS servers deployed at 94 sites according to the BDII
- ARGUS Authz in CREAM CEs according to the BDII
 - 185 sites do not support it (66 WLCG sites)
 - 75 sites support it (48 WLCG sites)
 - *Note that some sites do not use ARGUS for CE Authz*
 - https://wiki.italiangrid.it/twiki/bin/view/CREAM/SystemAdministratorGuideForEMI3#1_2_4_Choose_the_authorization_m
- ARGUS is used by almost all EGI sites as back-end for gLExec
 - https://twiki.cern.ch/twiki/bin/view/LCG/GlexecDeployment#Monitoring_of_gLExec_tests
 - At least about 90 ("Ops") sites have it running OK

Critical issues

- ARGUS support for the components taken care of by SWITCH in the past is needed
 - Instabilities seen in production need to be solved
 - In the event of a security vulnerability or critical fix, there is no support!
- Clear deadline to have ARGUS supported
- A WLCG policy on ARGUS deployment in the absence of this
 - Should sites continue deploying ARGUS? Or should they find an alternative?