



MUPJ - gLExec update

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Site	/ops/Role=pilot job + glxexec test Feb 6	Capability
ASGC	CREAM authZ error or glxexec not found	OK (CREAM)
BNL	OK for ATLAS	OK
CERN	OK	OK
CNAF	OK	OK
FNAL	OK for CMS	OK
IN2P3	CREAM authZ error, error 203 on WN	OK
KIT	ce-2 and cream-2 authZ error, rest OK	OK
NDGF	n/a	n/a
NIKHEF	LCG-CE error 7 for me, error 203 on WN	OK
PIC	ops pilot users cannot submit to queues	OK
RAL	OK	OK
SARA	OK	OK
TRIUMF	glxexec not found on CREAM WN, rest OK	-



Nagios tests for “ops”

- Note the new host for these tests: samnag023.cern.ch
- LCG-CE
 - https://samnag023.cern.ch/nagios/cgi-bin/status.cgi?servicegroup=SERVICE_CE&style=detail
- CREAM
 - https://samnag023.cern.ch/nagios/cgi-bin/status.cgi?servicegroup=SERVICE_CREAM-CE&style=detail



Experiment activities (1/2)

- ATLAS
 - Proof of concept shown to work at BNL, not enabled now
 - glxec being tested at a few EU T2
 - “cmt” hanging when wrapped by glxec, not understood
- CMS
 - USCMS use glxec in production at a few OSG sites
 - All USCMS sites have glxec in setuid mode
 - Almost no EU T2 has glxec, as expected
 - Issue with location of glxec
 - gLite: \$GLITE_LOCATION/sbin by default
 - gLite: \$GLEEXEC_LOCATION/sbin e.g. at IN2P3
 - Should always be defined, bug has been opened
 - OSG: \$OSG_GLEEXEC_LOCATION (/sbin?)



Experiment activities (2/2)

- LHCb running Nagios glexec tests as well
 - https://samnag015.cern.ch/nagios/cgi-bin/status.cgi?servicegroup=SERVICE_CE&style=detail
 - IN2P3, KIT, PIC: glexec working OK for LHCb
 - NIKHEF: glexec fails with error 203
- ALICE integrating glexec into AliEn
 - <http://indico.cern.ch/conferenceDisplay.py?confId=77424>
 - Job agent can invoke glexec with the pilot proxy
 - No user change yet
 - Similar to “ops” and “lhcb” Nagios tests
 - User proxy handling still needs major development