MUPJ - gLexec update

GDB 2011-03-09

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CERN

Site	/ops/Role=pilot job + glexec test Mar 8	Capability
ASGC	OK	OK
BNL	OK for ATLAS	OK
CERN	OK	OK
CNAF	OK	OK
FNAL	OK for CMS	OK
IN2P3	OK	OK
KIT	OK	OK
NDGF	n/a	n/a
NIKHEF	OK	OK
PIC	OK	OK
RAL	OK	OK
SARA	OK	OK
TRIUMF	LCG-CE OK, glexec not found on CREAM WN	-

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
  - glexec tests now OK at various UK T2 (and BNL)
  - "cmt" hanging when wrapped by glexec → workaround done
  - Target proxies not accepted by PanDA server: no FQAN found!
    - GridSite issue?
- CMS
  - USCMS use glexec in <u>production</u> at a few OSG sites
    - All USCMS sites have glexec in setuid mode
  - Other sites (T1 and T2) being tested
    - Issues found at most sites, also T1 (configuration for CMS)
  - Issue with location of glexec
    - gLite: $GLITE_LOCATION/sbin by default
    - gLite: $GLEXEC_LOCATION/sbin e.g. at IN2P3
      - Should always be defined, bug has been opened
    - OSG: $OSG_GLEXEC_LOCATION denotes full path to binary

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
    - CREAM not yet tested

- 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