MUPJ - gLExec update

GDB, June 13, 2012

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CERN

v1.0

Nagios tests for "ops"

- As of early April tests are no longer submitted centrally

- Each NGI/ROC needs to submit its own tests
  - Register at least 1 DN with pilot role in "ops" VO
  - Configure SAM-Nagios to submit the tests

- Each EGI site supporting glexec needs to update the GOCDB
  - A "gLExec" flag for each CE supporting glexec on the WN

- Thanks to EGI for helping with these matters!

- Results are available in MyWLCG
  - http://cern.ch/go/PX7p
  - Currently only 88 CEs present, including all T1 with CREAM

gLExec deployment campaign

- Last broadcast sent to site admins on Feb 20
  - A few more sites now claim glexec support in the BDII
    - 83 = 61 EGI + 22 OSG on June 12
      - Was 58 + 14 on Apr 17
    - Some T2 consistently OK in MyWLCG, but most are absent

- https://twiki.cern.ch/twiki/bin/view/LCG/GlexecDeployment
  - How to implement gLExec on the WN
    - Includes example script for Argus configuration
      - Provided by Antonio Delgado of CIEMAT → OK site in MyWLCG!

Site	/ops/Role=pilot job + glexec test June 12	Capability
ASGC	OK	OK
BNL	Not yet set up	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	OK	OK

Nagios tests for LHCb

Site	/lhcb/Role=pilot job + glexec test June 12
CERN	OK
CNAF	OK
IN2P3	OK
KIT	OK
NIKHEF	OK
PIC	OK
RAL	OK
SARA	OK

https://sam-lhcb-prod.cern.ch/nagios/cgi-bin/status.cgi?
servicegroup=SERVICE_CREAM-CE&style=detail

Test results for CMS

Site	/cms/Role=pilot job + glexec test June 12
ASGC	OK
CERN	OK
CNAF	OK
FNAL	OK
IN2P3	OK
KIT	OK
PIC	OK
RAL	OK

https://sam-cms-prod.cern.ch/nagios/cgi-bin/status.cgi?
servicegroup=SERVICE_CREAM-CE&style=detail

https://sam-cms-prod.cern.ch/nagios/cgi-bin/status.cgi?
servicegroup=SERVICE_OSG-CE&style=detail

Test results for ATLAS

Site	/atlas/Role=pilot job + glexec test June 12
ASGC	OK
BNL	Not yet set up
CERN	OK
CNAF	OK
IN2P3	Error 203
KIT	OK
NIKHEF	OK
PIC	OK
RAL	OK
SARA	OK
TRIUMF	OK

https://sam-atlas-prod.cern.ch/nagios/cgi-bin/status.cgi?
    servicegroup=SERVICE_CREAM-CE&style=detail
https://sam-atlas-prod.cern.ch/nagios/cgi-bin/status.cgi?
    servicegroup=SERVICE_OSG-CE&style=detail

Experiment plans

- CMS
  - Opening tickets against sites where glexec does not work
  - Enabling glexec in GlideinWMS per site where it works
  - Using Argus preprod service for CERN GlideinWMS instance

- ATLAS
  - Working on GlideinWMS back-end for PanDA
  - Running glexec tests since a few weeks

- ALICE will look into implementing Security TEG proposal
  - Specially crafted proxies with critical extension that is only understood by glexec

- LHCb will check if glexec support in DIRAC needs adjustments