



# glexec on WN, SCAS Status

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**SA3/SA1/WLCG**

- **Pilot services have seen first tests by LHCb and ATLAS**
  - GridKa, IN2P3-CC, NIKHEF and Lancaster
  - Problem with expired VOMS attributes has been solved
  - LHCb reported first tests of the environment conservation scripts
    - They seem to work
    - Integration with the DIRAC framework started (Ricardo)
  
- **Latest gLite production release (update 49)**
  - <http://glite.web.cern.ch/glite/packages/R3.1/updates.asp>
  - SCAS, glaxec released to production
    - With known issues
  - Environment scripts still in certification

- **Known Issues:**
  - User ban plugin in LCAS will not work
  - Malformed proxies crash glexec
  - 5 or more proxy delegations make the voms-api segfault
  - Addressed in Patch [3084](#) and [3050](#)
    - Both are ready for certification
- **The wrapper has been given to OSG for inspection**
  - Burt to provide feedback next week
- **More tests with the production infrastructure needed**
  - The pilot is available...
- **LHCb reports that the configuration of SCAS and glexec is complex and error prone**
  - SA3 to follow up

- **Glexec-WN packaging problem**
  - For sites that install gLite on shared file systems glexec has to be provided independently
  - Phone conference on July 6<sup>th</sup>
    - **New environment variable GLEXEC\_LOCATION to be added**
      - *If not set, VOs can use current algorithm*
    - **Dependencies should also be provided as a tar ball**
      - *Imitate the WN tar balls*
      - *Lib directories listed in `/etc/ld.so.conf.d/glexec`*
    - **Source rpm needed for glexec (not its dependencies)**
      - *Allows recompilation to change `configuration file` location*
      - *Potential support for RUNPATH (static linking does not help plugins)*
    - **Future glexec + plugins: Globus not used, VOMS still needed**
- **Integration with ARGUS (new authZ framework)**
  - glexec patch (pep-c client) arrived yesterday