

# Argus certification, status update.

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- **Started in July (2009)**
- **Report:** <https://twiki.cern.ch/twiki/bin/view/Main/ArgusCertification>
- **Patch #3076:** <https://savannah.cern.ch/patch/?3076>
- **Current status:** With Provider, due to [bug #56687](#) (and load tests issues?)
- **Excellent documentation helped certification.**
- **Functional tests ok, including failure scenarios and error logging.**
- **Few bugs (configuration, banning by CA) fixed during certification.**
- **Interaction glexec-lcmads-pepd (pdp and pap) successfully tested ([Patch #3093](#) in certification)**

- **Setup**

- 10 WNs installed on virtual machines
- Argus (PAP,PDP,PEPd cache disabled) on a vm 1GB memory
- pepcli used to send authorization requests (bash scripts and The Grinder)
- 10 test user certificates (2 where banned in the policy)

- **Outcomes**

- Server stability ok, never needed a restart.
- With requests rates < 20 reqs/sec, no errors in 4 days (6.4M requests).
- With requests rates > 20 reqs/sec, 0.04% error frequency, [Bug #56750](#), expected Permit got Deny
- With requests rates > 90 reqs/sec, in 2 experiments hit [Bug #56758](#), expected Deny got Permit (3 times out of 7.5M requests). Not reproduced with The Grinder.