


AFS phaseout @ CERN

- Driven by slow demise of upstream project
 - See details at Fall HEPIX 2016
- No “hard” deadline but expect to finalize in LS2 (~4Q2018), < 2 years.
- Docs: <https://twiki.cern.ch/twiki/bin/view/IT/AfsPhaseout>
- Coordinators: per-experiment nominees - see AFS-Phaseout EGroup
- Main migration targets: EOS, CASTOR, CVMFS, 

Recap – **2016** AFS phaseout - “easy”

- Targets:
 - Software → CVMFS
 - Websites → EOSWEB (set up, start)
 - FUSE access for PLUS & BATCH
- Start on /project migration
 - <https://its.cern.ch/jira/browse/NOAFS>
“Trivial” ~10% done..

Outlook – 2017 plans – AFS “harder stuff”

- (continue with 2016)
 - Project migrations
 - Actually remove software from AFS
 - Webspaces migration (also for user pages)
- **/work:**
 - 2Q2017: Stop self-service, create via tickets (justification? things not working on EOS)
 - 4Q2017: no longer create AFS workspaces (per-experiment decision), start migration
- **/user:** groundwork for later \$HOME (on EOSUSER)
 - Split “UNIX” account from “AFS account”
 - Later: test cluster “lplus-eos” (needs EOSFUSE rewrite)
- “HEPIX scripts”: live? CVMFS. Else: RPM – group-by-group decision

Link to WLCG? (!?)

- Not really. AFS was never part of “the grid”. but...
- Non-grid experiment use of AFS (home directories, Tier0 activity, websites,...)
 - Occasional GGUS tickets (GGUS:88856, GGUS:118938, GGUS:112331, GGUS:103180 ,...)
- (more-or-less) **“accidental”** (CERN) AFS usage from TierX
 - Including from “misconfigured” sites:
 - JIRA: external sites w/o callbacks
 - GGUS tickets for blocked AFS callbacks
 - Reasons: SW only on AFS, wrong site/user defaults, RPATH, ...

2017 – external AFS disconnection test

- **2017-02-15 09:00 CET ; 24h ; ITSSB entry**
- Goals: flush unknown AFS dependencies + create awareness
 - Experiment setup - still refer to CERN AFS?
 - Site setup:
 - prefer AFS over CVMFS?
 - `/afs/cern.ch` user homedirectories ? Talk to us. Before.
 - User setup:
 - Prefer AFS over CVMFS, EOS?
 - (Nudge towards alternatives)
- Will repeat, will eventually close completely (early if security issues)

Please:
Triage & ticket