GRIDFTP tests in SAM/ETF

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R.Sawada

GRIDFTP tests in ETF

- The protocol for tests is chosen according to the flavour of the SE registered in AGIS

- The file transfer is done using gfal2 API, which supports multiple protocols.

- The new ETF probe has been tested in pre-prod ETF system for more than half an year.

  - gfal2 API crashed a few times in the period, but it is rare. When we catch it next time, we will send the core dump to the gfal2 developers for debugging.

R.Sawada

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Availability calculation

- So far, if a SE is registered as GRIDFTP flavour, the tests are omitted, and always marked as OK.

- If we deploy the new ETF probe to production, GRIDFTP SEs will be actually tested and will be included in the ATLAS_CRITICAL profile and will be included in the availability calculation.

R.Sawada

Status and plan

- So far, there are only three GRIDFTP SEs with both "service_is_monitored" and "production" flags true in AGIS

  - Two of them are OK, but one has a problem in authentication

    - → GGUS ticket submitted

- We are going to start using it once the problem is fixed.

- Sites can see if ETF-test results by enabling the "service_is_monitored" flag. Then if it is fine, one can include in the A/R by changing the "production" flag.