LHCb input on Calculations of Reliability & Availability

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- ## Critical tests with LHCb credentials
  - ### Testing CE, SRMv2, LFC
    - Serving as input for WLCG/MB discussions (gridview, "MB report")
- ## More tests / monitoring e.g. by Cern IT
  - ### SLS, Lemon, …
- ## Even more tests / monitoring by LHCb
  - ### Within Dirac
    - Jobs, Pilot, Transfers, Storage, SLS probes
    - Application Tests injected into SAM / SUM
  - ### Hand woven tests
    - FTS transfers, Conditions DB
- ## Internal site monitoring
  - ### Some URLs available

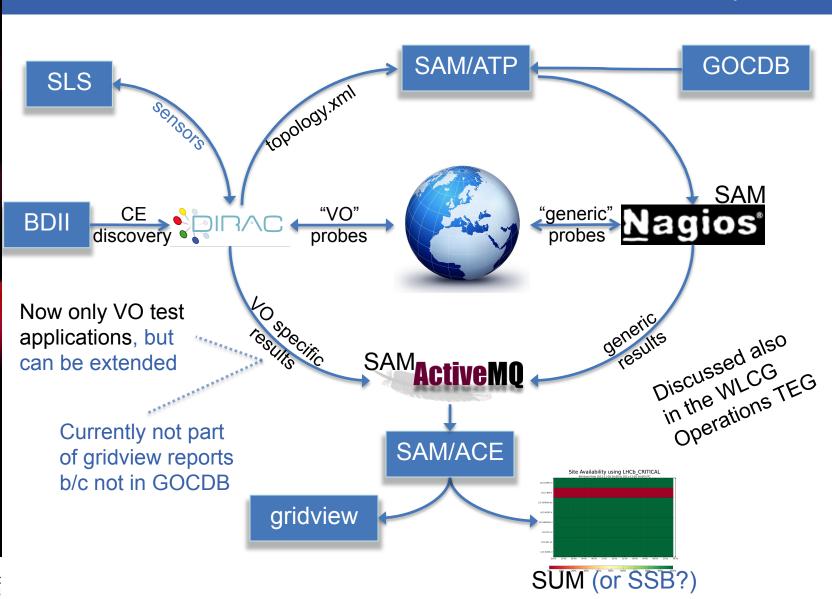## -> Lots of possibilities for confusion / missing info

- Make more experiment specific tests available
  - FTS, Conditions DB, Space monitoring, VOBoxes, …
- A "common tool" for all stakeholders
  - Experiments
  - Site admins
  - Service Providers
  - Funding Agencies
- Possible scenarios
  - Dirac monitoring (in production)
  - Site Usability Monitoring – SUM (in validation)
  - Site Status Board – SSB (currently not used)
  - List of URLs

SLS

SAM/ATP

GOCDB

sensors

topology.xml

BDII

CE
discovery

DIRAC

"VO"
probes

"generic"
probes

Nagios

SAM

Now only VO test
applications, but
can be extended

VO specific
results

generic
results

Discussed also
in the WLCG
Operations TEG

Currently not part
of gridview reports
b/c not in GOCDB

SAM ActiveMQ

SAM/ACE

gridview

Site Availability using LHCb_CRITICAL

SUM (or SSB?)