



# **Report on status about REBUS issues**

## **WLCG Information System Task Force**

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# Short reminder of what REBUS does

- REBUS <http://rebus.cern.ch> is about
  - Topology
    - Maintained manually by WLCG Project Office
    - Authoritative list of WLCG sites and federations
  - Pledges
    - Edited by federations once per year
  - Installed Capacities
    - Queried from BDII once per hour
    - Average per month
  - WLCG Accounting reports
    - Input from Accounting portal for T1s but manually modified if needed
    - Input from Accounting portal for T2s



# Known Issues

- Known Issues are tracked in the REBUS twiki:

[https://twiki.cern.ch/twiki/bin/view/EGEE/AllAboutREBUS#REBUS\\_known\\_issues](https://twiki.cern.ch/twiki/bin/view/EGEE/AllAboutREBUS#REBUS_known_issues)

- They have been discussed with REBUS developers
- Most relevant ones or the ones that need discussion are included in the next slides



# Known Issues

- Sites installed capacity disappear from REBUS if BDII cannot be contacted
  - This will be fixed
  - Suggestion: Show previous value and indicate somehow if BDII couldn't be contacted or returned no results
- Installed Capacity numbers in REBUS are not validated
  - glue-validator validates numbers in BDII for GLUE 2
  - REBUS benefits from this validation
  - but what about OSG? They don't publish GLUE 2
  - what happens if we allow manual edition of numbers in REBUS? Shouldn't validation happen at REBUS level?
  - could we reuse/extend glue-validator for REBUS? But which schema should we use, GLUE 1 or GLUE 2 or none?



# Known Issues

- Installed capacity numbers are monthly average numbers
  - is this what we want?
  - we need to define what it is installed capacity
- Installed capacity per VO is missing by some sites
  - This is used by ATLAS and CMS to calculate resource utilisation
    - APEL accounting reports is not enough for them
  - If this is a valid use case, sites should provide this information
    - For OSG, could this be fixed in the short term in the BDII?
      - Otherwise, could this be provided by other means?
  - Should we open GGUS tickets requesting this?