



# LHCb priorities for WLCG-OPS

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*On behalf of the LHCb Computing Group*





- **R3.1: Software deployment via CVMFS**
  - **Adopt for use as shared software area at all WLCG sites**
    - ↳ **Tier1 and Tier2**
  - **Robust and redundant infrastructure**
    - ↳ **Not yet the case, e.g. manager machines not on safe power**



- Would like pre-compiled UI distribution that is binary compatible with LCG-AA platform+compiler+python
  - ↳ e.g. SLC5 + gcc 4.3 + Python 2.6
  - ↳ e.g. SLC6 + gcc 4.6 + Python 2.6 (or 2.7 later)
- Installed in LCG-AA software shared area
- Including agile process for requesting and releasing patches
  - ↳ Ability to request specific patches to a given release
    - ↳ without waiting for next release cycle
    - ↳ without picking up new features of next release
  - ↳ e.g. ROOT deployment model:
    - ↳ Root 5.30.xx
      - Patches on 5.30, kept alive even after 5.32 release

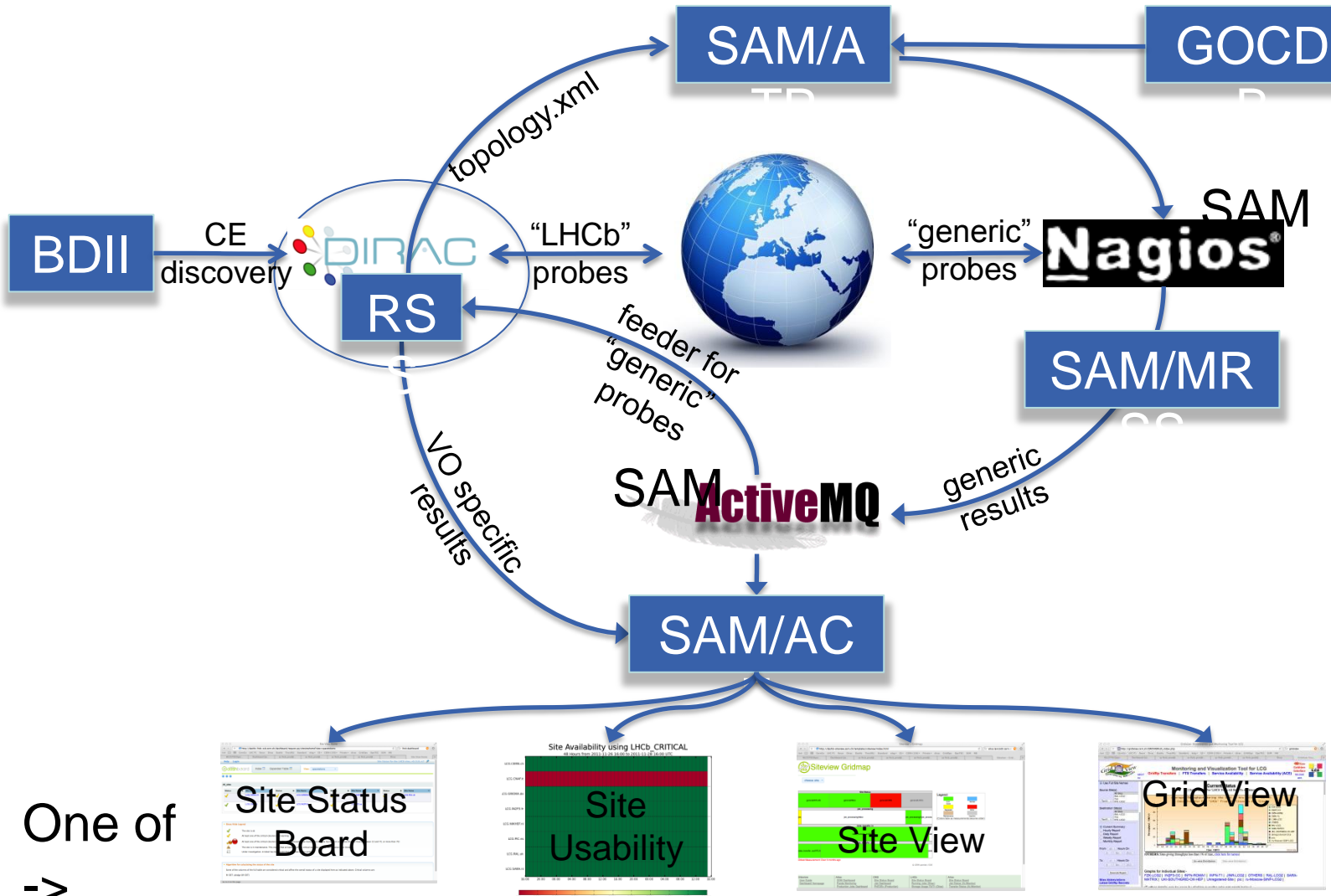


- 1.4 Streamline availability calculation and visualization
  - LHCb supports proposal of one system for visualization and a single availability calculation
  - LHCb does not want to be tied exclusively to an external system for running experiment specific tests
    - ↳ Require a gateway to inject experiment view of availability coming from experiment information system
    - ↳ Take advantage of advanced monitoring already available in DIRAC without re-implementing it in another system



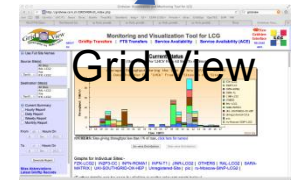
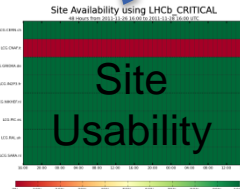
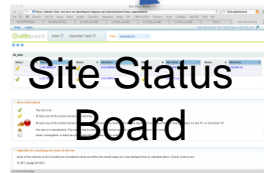
**BACKUP SLIDE**





One of

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Andrea Sciabà