EDG GRID MONITORING TOOL
Information about the status of available resources is collected from the periodically running monitoring tool [Configuration management]

Evaluation criteria:
- existence of the resource in the LCG info
- job is not canceled & not aborted
- access to the nearest storage element
- execution time:
  accepted if < assumed maximal time of execution
- waiting time:
  accepted if < assumed maximal pending time

MONITORING OF THE PRODUCTION STATUS
Information collected from the current MC production data [Configuration management]

Calculated parameters:
- Percentage of failed jobs per Computing Element (CE)
- Additional set of variables defined by the MC operators

TEST MANAGEMENT SERVICE:
• Storage Element (SE) Services:
  • Checking of: list, read, write, replication, available space (if possible), access to the main Storage Element and the time of the command execution
  • Resources: CVMFS, local storage, nearest Storage element

• Computing Element (CE) Services:
  • Checking of: job runtime, waiting time, availability for the HONE VO
  • Existence in the information Services
  • Submission through the WMS services
  • Submission to the ARC-CE
  • Direct submission to the CREAM-CE

• Workload Management Services (WMS):
  • Existence in the information Services
  • Job-match time
  • Submission result & time of the test
  • Cancellation result & execution time
• LCG File Catalog:
  check the access to the LFC catalog from all available computing sites

References: