



Deployment of the new benchmark HEPscore23

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Migration to HEPscore23 (I)

- The benchmark **HEPscore23** is replacing the old **HEPSPEC06**
- On the Accounting Portal all of the metric units refer to HEPscore23 (since April 1st 2023)
- Existing resources at the sites will not be re-benchmarked with HEPscore23 (unless the site has modern resources and would like to re-benchmark them in order to get higher consumption in the accounting reports)
 - New resources purchased by the site will be benchmarked with HEPscore23
- This implies that two benchmarks will co-exist on the infrastructure for quite some time

- Normalisation factor between HEPscore23 and HSO6 is 1
- We would like to follow the progress regarding amount of the resources benchmarked with HEPSCORE
- No need for reporting of measurements for two benchmarks in parallel for the same set of resources
 - This implies that accounting record should contain one metric for a single benchmark and benchmark name has to be properly defined in the accounting record.

- Some tests, in particular with sites sending normalised reports, were performed.
- APEL client 1.9.2 released that adds basic HEPscore23 publishing using existing message format
 - It needs to be added to UMD
- APEL server release candidate in testing
 - Liaising with Portal on setting up testing with them
 - this new version allows the aggregation of the accounting records by benchmark to monitor the move to the new benchmark over the time
 - When the tests are successful, final release of APEL server update and of the Portal
- Expected a fix in ARC-CE for the proper configuration of HEPscore23
- Information for testing the publication of accounting records with the new benchmark:
 - <https://twiki.cern.ch/twiki/bin/view/LCG/ChangesForHEPscore#Testing>

- GitLab space: <https://gitlab.cern.ch/hep-benchmarks/hep-score>
- April GDB: <https://indico.cern.ch/event/122511/>
- June WLCG Operations Coordination meeting: <https://indico.cern.ch/event/1293820/>



Thank you

Questions?

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