



DB

Database Services

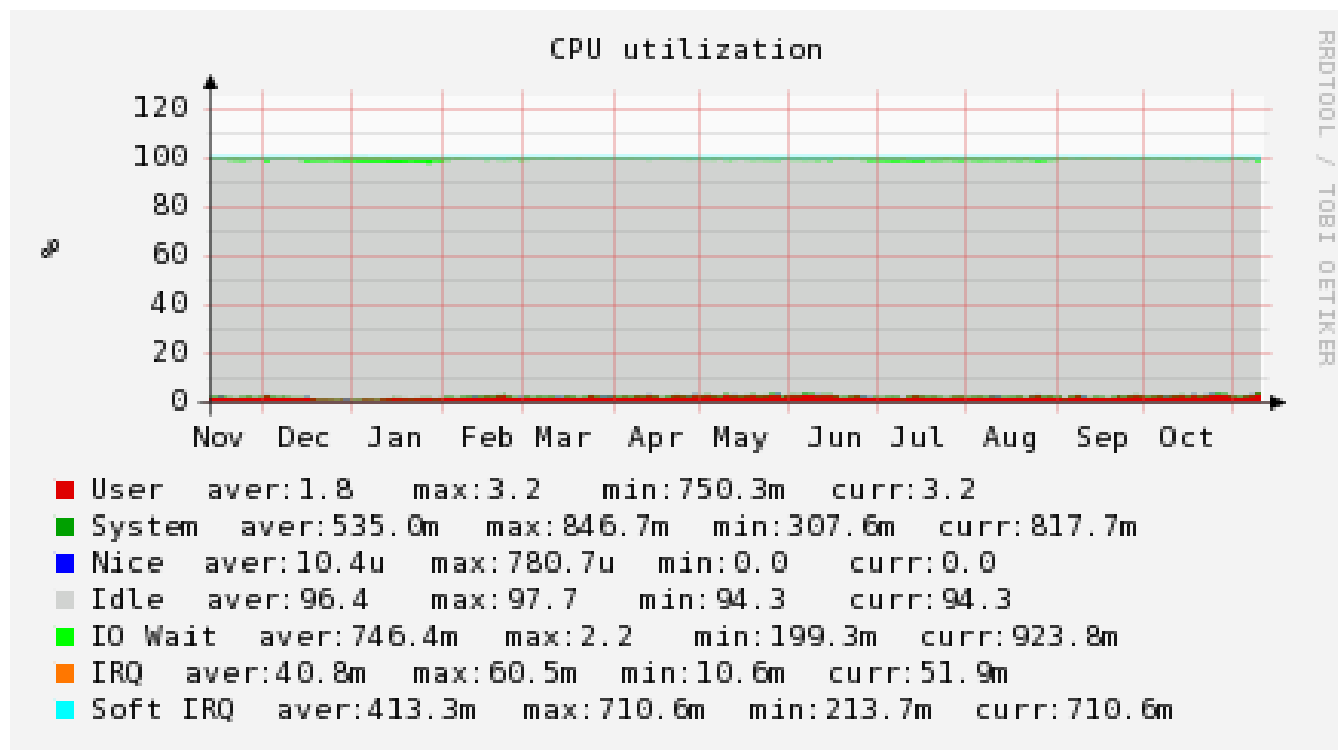
CERN IT
Department

CASTOR databases overview

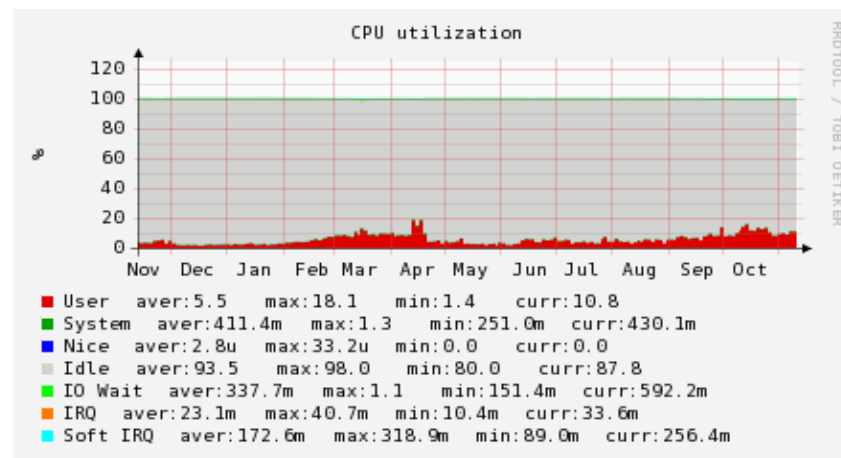
Katarzyna Dzedziniewicz-Wójcik, IT-DB

- Performance overview
- Migration status & plans
- Q & A

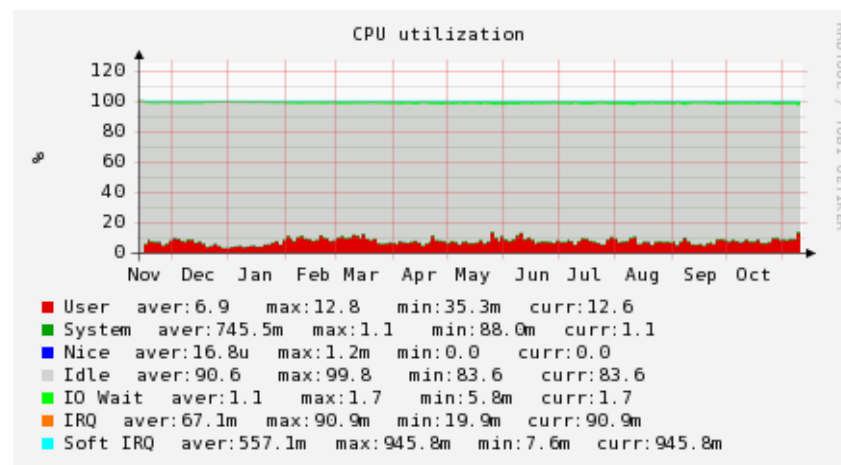
- Performance satisfactory and stable
- Nameserver



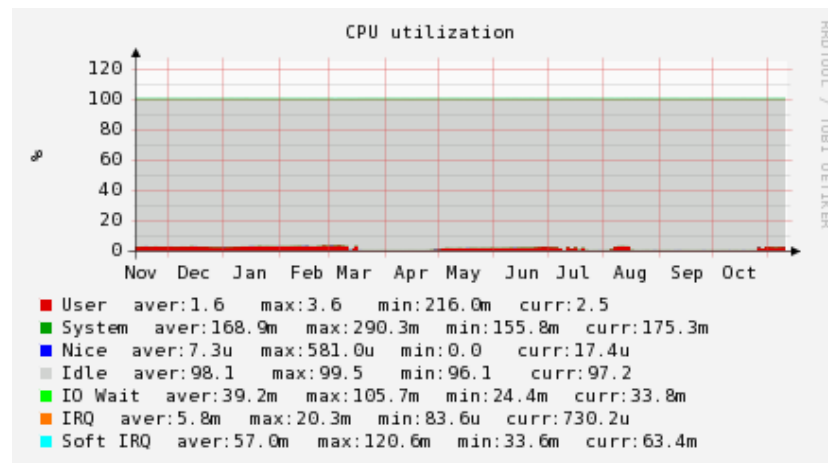
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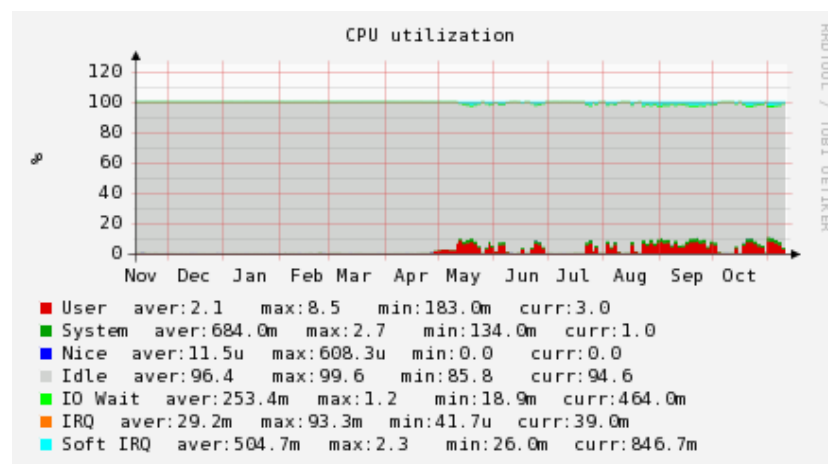
ATLAS



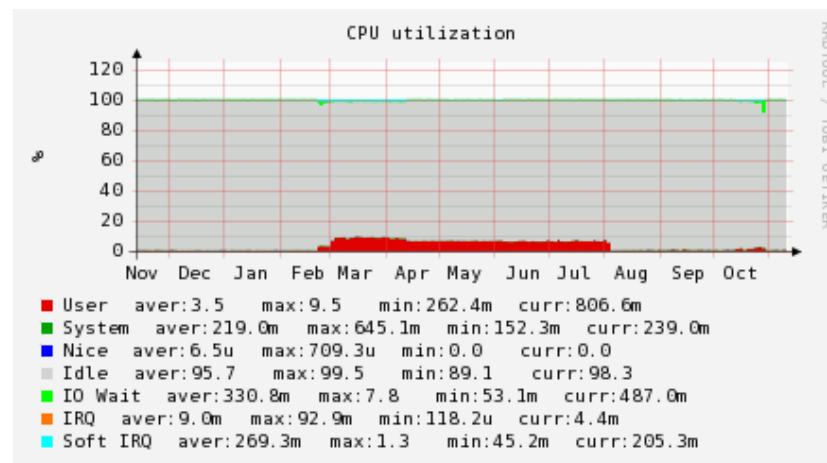
CMS



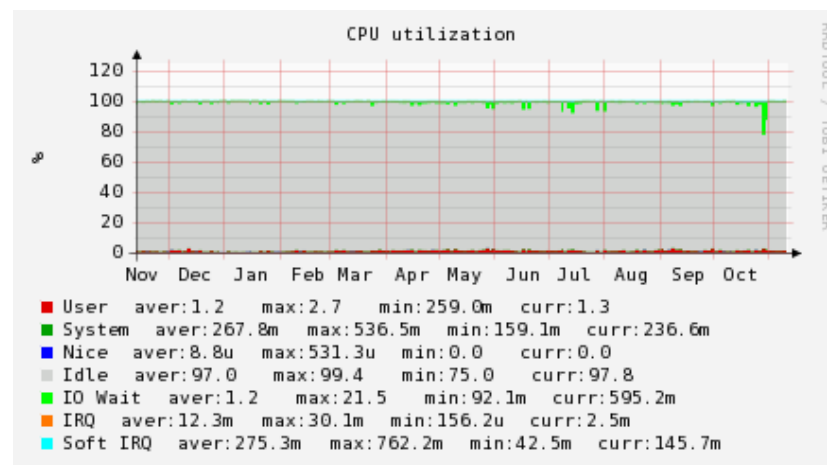
LHCB



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- Upgrade to 10.2.0.5
 - DLF and PPS databases already upgraded
 - SRM and Stager databases to be upgraded when Heavy Ions run is finished (December)
 - Nameserver database to be upgraded during January technical stop
 - Standard optimizer & statistics gathering to be stress-tested to review the possibility of removing hints

- SRM, Stager and DLF databases are to be migrated and consolidated
 - Where: Gen3 machines: 48GBs RAM
Intel Xeon 8 * 2.27 GHz
 - When: January/February
 - Possible consolidation plans
 - By experiment – 3 node cluster containing STAGER, SRM and DLF
 - By DB type – separate clusters for SRM/Stagers and DLFs

Q & A