

CURRENT ACCRE STATUS AND MONITORING CMS

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Transitioning to New Cluster Environment

Old Environment

- Centos 7 OS (released 2014)
- ACCRE password authentication
- .accre.vanderbilt.edu namespace
- ACCRE built software stack
- Partition-based GPU access
- No security compliance

New Environment

- Rocky 9 OS (released 2022)
- VU password authentication
- .accre.vu namespace
- Compute-Canada software stack
- QOS-based GPU access
- Developing CMMC level 2 security compliance

CMS Resources State

Old Environment

- 1 Compute Element (ce5)
- ~1500-2000 cores really really ancient hardware being used opportunistically
- Old squid servers (squid1/2)

New Environment

- 1 Compute element (ce6)
- Fairshare of 4032 cores (3200 currently in use)
- Xrootd Servers
- New Squid servers (squid4/5)

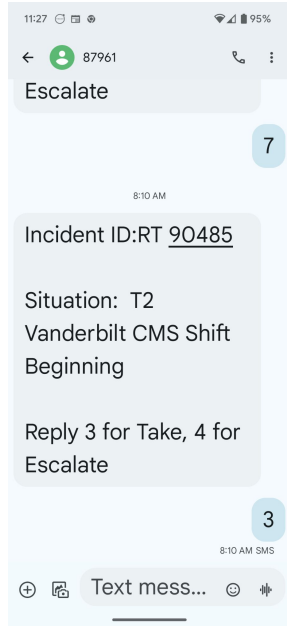
CMS Monitoring and Documentation

Out of date (beware): <https://github.com/accre/cmstier2>

Links that work for now: <https://autocms.accre.vanderbilt.edu/>



XMatters Alerting and Helpdesk Tickets



<https://helpdesk.accre.vanderbilt.edu/>



Always close shift beginning tickets. Contact Eric on slack if you don't have proper helpdesk access