Availability Reports based on Nagios

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Recap of March reports

- March Availability reports for WLCG

  – Official SAM reports:
  http://gvdev.cern.ch/GRIDVIEW/downloads/Reports/201003/

  – Unofficial Nagios report:
  http://gvdev.cern.ch/GRIDVIEW/downloads/Reports/201003-nagios/

- 171 Sites in the report

- Sites whose availability increased in Nagios ≥ 10%   8 =   4.7%

- Sites whose availability decreased in Nagios ≥ 10% 16 =   9.4%

- Sites whose availability changed in Nagios   ≥ 10% 24 = 14.0%

April – WLCG reports

- March Availability reports for WLCG

    - Official SAM reports:

        http://gvdev.cern.ch/GRIDVIEW/downloads/Reports/201004/wlcg/

    - Unofficial Nagios report:

        http://gvdev.cern.ch/GRIDVIEW/downloads/Reports/201004-nagios/wlcg/

- 171 Sites in the report

- Sites whose availability increased in Nagios ≥ 10%   5 = 2.9%

- Sites whose availability decreased in Nagios ≥ 10%   3 = 1.8%

- Sites whose availability changed in Nagios   ≥ 10%   8 = 4.7%

April – WLCG reports

- Sites whose availability decreased in Nagios ≥ 10%   3 = 1.8%

    - VICTORIA-LCG2: fails org.gstat.SanityCheck

    - GSI-LCG2: lfc-mkdir fails on WN during org.sam.WN-Rep test

    - NO-NORGRID-T2: fails org.bdii.Entries test

- Sites whose availability increased in Nagios ≥ 10% 5 = 2.9%

    - UNI-FREIBURG: lcg-cp connection times out in SAM srm-put test

    - Wuppertalprod: failed sBDII-performance test in SAM (now fixed)

    - T2_Estonia: fails ce-sft-lcg-rm-cr test in SAM

    - RRC-KI: fails ce-sft-lcg-rm test in SAM (SE not defined in BDII)

    - UKI-SOUTHGRID-BRIS-HEP: sBDII sanity test timeouts in SAM

- All failures accounted to grid site problems

April – WLCG reports

- IT ROC evaluation on the availability based on SAM vs Nagios

- Nagios availability higher due to different response to a failure:

  - In SAM each failure is accounted

  - Nagios has soft states and increases frequency of checks when there are failures

  - sBDII tests executed from ROC Nagios instances instead of GStat in Taiwan

May Reports - Summary

- We consider the Nagios infrastructure ready to replace SAM OPS submissions

- Propose: generate official OPS reports for May based on Nagios
  - While we keep on running SAM OPS tests during May

- Propose: stop SAM OPS submissions on 15th June after computation and validation of May reports