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How to monitor CMS Tier2/Tier3

Google Earth

- Download packages from <http://wlcg.web.cern.ch/wlcg-google-earth-dashboard>
- Click on CMS Tier2 site

CMS Dashboard

- <http://dashb-ssb.cern.ch/dashboard/request.py/siteviewhome>
- Click on T2_TH_CUNSTDA (If it's in the waiting room, please write it also in the report)
- Here is what you will see

Site Name	Visible	HC glidein	SAM		Production	Analysis	Site usage		Commissioned Links (expand this column)	Under Investigation	Site status
			SAM CE	SAM SRM			Running	Pending			
T2_TH_CUNSTDA	OK	04.0	CRITICAL	OK	100%(1)	n/a	23	0	2/5 combined	mark	n/a

Showing 1 to 1 of 1 entries DB query took 0.0024 s

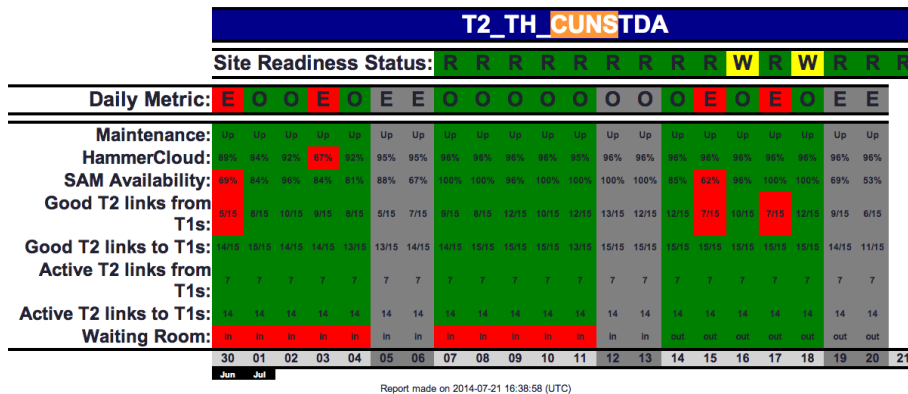
- Check all services (GGUS is the ticket/site, red is normally fine here)

CMS Site Availability- Reliability

- T2_TH_CUNSTDA:
<http://operations-portal.egi.eu/availability/siteAvailabilities/details/true/site/T2-TH-CUNSTDA>
- T3_TH_CHULA:
<http://operations-portal.egi.eu/availability/siteAvailabilities/details/true/site/T3-TH-CHULA>

CMS Site Readiness

- <https://cms-site-readiness.web.cern.ch/cms-site-readiness/SiteReadiness/HTML/SiteReadinessReport.html>
- Search for T2_TH_CUNSTDA
- Here is what you will see



Network (perfsonar)

- (obsolete) <http://perfsonar-cms-2.sc.chula.ac.th/serviceTest/index.cgi?eventType=bwctl>
- <https://perfsonar-cms-2.sc.chula.ac.th/serviceTest/psGraph.cgi>

Source	Destination	Bidirectional	Protocol	Duration	1 week Avg Throughput Src-Dst (Gbps)	1 week Avg Throughput Dst-Src (Gbps)	Graph
ccperfsonar1.in2p3.fr (193.48.99.77)	perfsonar-cms-2.sc.chula.ac.th (161.200.116.10)	Yes	TCP	20	0.016	0.007	Select
lcgs101.jinr.ru (159.93.226.101)	perfsonar-cms-2.sc.chula.ac.th (161.200.116.10)	Yes	TCP	20	0.003	0.006	Select
mercury-2.lsr.nectec.or.th (203.185.96.101)	perfsonar-cms-2.sc.chula.ac.th (161.200.116.10)	Yes	TCP	20	0.023	0.336	Select
perfsonar-cms-2.sc.chula.ac.th (161.200.116.10)	perf.uni.net.th (202.29.12.66)	Yes	TCP	20	0.42	0.467	Select
perfsonar-cms-2.sc.chula.ac.th (161.200.116.10)	lhc-bandwidth.twgrid.org (117.103.105.187)	Yes	TCP	20	0.013	0.008	Select
perfsonar-cms-2.sc.chula.ac.th (161.200.116.10)	perfsonar-alice.sut.ac.th (202.28.43.143)	Yes	TCP	20	0.355	0.362	Select
perfsonar-cms-2.sc.chula.ac.th (161.200.116.10)	perfsonar-ps.cnaf.infn.it (131.154.254.11)	Yes	TCP	20	0.007	0.004	Select
perfsonar-cms-2.sc.chula.ac.th (161.200.116.10)	perfsonar-ps.cern.ch (128.142.223.236)	Yes	TCP	20	0.008	0.004	Select
psb01.pic.es (193.109.172.187)	perfsonar-cms-2.sc.chula.ac.th (161.200.116.10)	Yes	TCP	20	0.004	0.009	Select
psonar3.fnal.gov (131.225.205.23)	perfsonar-cms-2.sc.chula.ac.th (161.200.116.10)	Yes	TCP	20	0.021	0.011	Select

Network ()

Incoming

- T2_TH_CUNSTDA: https://cmsweb.cern.ch/phedex/debug/Activity::QualityPlots?graph=quality_all&entity=link&src_filter=.*&de
- T3_TH_CHULA: https://cmsweb.cern.ch/phedex/debug/Activity::QualityPlots?graph=quality_all&entity=link&src_filter=.*&de

Outgoing

- T2_TH_CUNSTDA: https://cmsweb.cern.ch/phedex/debug/Activity::QualityPlots?graph=quality_all&entity=link&src_filter=CUNSTDA
- T3_TH_CHULA: https://cmsweb.cern.ch/phedex/debug/Activity::QualityPlots?graph=quality_all&entity=link&src_filter=T3_TH_CHULA

Squid cache server

- <http://wlcg-squid-monitor.cern.ch/snmpstats/indexcms.html>

Total data we store

- <http://t3serv001.mit.edu/~cmsprod/IntelROCCS/Detox/SitesInfo.txt>
- T2_TH_CUNSTDA: https://cmsweb.cern.ch/phedex/prod/Reports::SiteUsage?node=T2_TH_CUNSTDA#
- T3_TH_CHULA: https://cmsweb.cern.ch/phedex/prod/Reports::SiteUsage?node=T3_TH_CHULA#

-- PhatSrimanobhas - 27 Jul 2014

This topic: Main > CMSTiersInThailandMonitoringHowTo

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