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David Cameron, ADC Weekly, 19/11/13

Switcher2 Commissioning



Switcher – a reminder

- Switcher1 acts on PanDA queues for downtimes of CE/SE in case of production queue, and on SE for analysis queue.
 - Currently running
- Switcher2 acts on PanDA resources for downtimes of SE, and acts on downtime of CEs only if all CEs which support that PanDA resource are in downtime at the same time.
 - In commissioning

Behaviour

- Query AGIS for current and upcoming downtimes
- Upcoming downtime timeline:
 - setbrokeroff
 - setoffline
 - downtime
 - settest
 - let HC recover to online

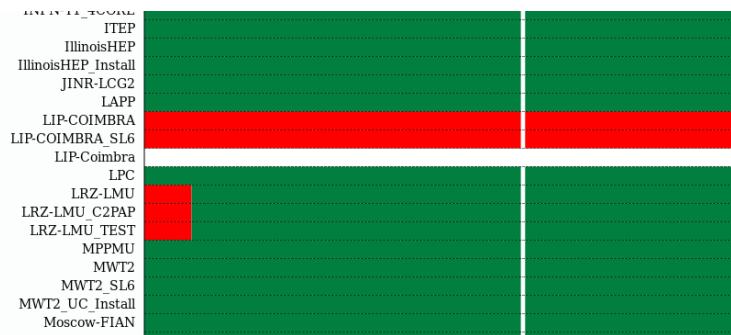
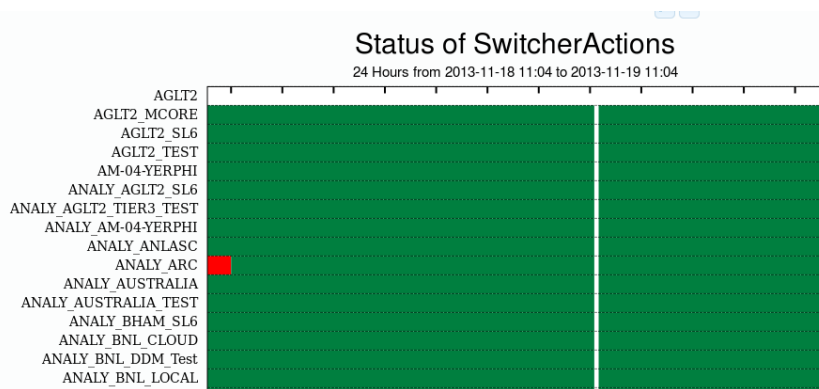
Switcher2 Actions

How long (h) before downtime to take action (no action if $DT < 4h$)

Resource	DT type	setbrokeroff	setoffline
Short DT (<24h)			
Prod	CE	-	12
Prod	SE	-	12
Analysis	CE	8	4
Analysis	SE	8	4
Long DT (>24h)			
Prod	CE	-	24
Prod	SE	-	24
Analysis	CE	8	4
Analysis	SE	168	120

Current status

- Switcher2 is running in dry-run mode
- Serving all PanDA resources
 - Will add filter for test resources etc
- Publishing to SSB
 - <http://dashb-atlas-ssb.cern.ch/dashboard/request.py/siteviewhistory?columnid=10100>



Plans

- Leave running in dry-run mode, and compare behaviour to expected
- Move a few sites from Switcher1 to 2
- Move all the rest
- Decommission Switcher1
- Timescale: by end of year