

Re: Yesterday operational problem

From: Hilary Oliver

To: Miville, Bernard

Date: Monday - March 28, 2011 5:02 PM

Subject: Re: Yesterday operational problem

Ok, interesting.

In cylc-3 if a task fails for any reason and the failure is detected and reported to cylc - i.e. if the task script calls 'cylc task failed' itself OR if a command in the task script fails and the error is trapped (and the trap handling then calls 'cylc task failed') THEN cylc will call a "task failed hook" script if one is defined in the suite.rc, and you can write that script to do whatever you want. One of those things could be centralized nagios alerts, thus avoiding the need to put nagios calls into all the task scripts. Of course if nagios itself fails, as yesterday, well ... do we have a super-nagios that monitors nagios?! I guess we could have the hook script send SMS or emails if the nagios call fails. And if those fail we can have a small trained monkey that pushes a red button :-)

Hilary

>>> Bernard Miville 03/28/11 4:46 PM >>>

Hi Hilary,

Chris found out that NAGIOS was the problem yesterday. Stuart just finished configuring and switching over to a new version of NAGIOS and at 4:15pm, the tasks failed again because they were trying to send a NAGIOS OK message but NAGIOS is currently not accepting the message. Yesterday NAGIOS just failed in accepting the message, so our task failed because the error got trapped by cylc. Chris modified the /usr/bin/nagios_submit to always exit 0 no matter what for now. So at least our tasks will not fail if NAGIOS fails. Stuart is looking into the problem.

<https://one.niwa.co.nz/jira/browse/ECO-228>

Now I want to know with the new cylc, if an error is trapped by cylc, a script of our choice will be triggered, but will this also cause our task to stop or exit? Or will this be decided inside the triggered script?

Thanks,

Bernard

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