JobSub - Bug #10617

ifdh configuration in wrapper

10/23/2015 12:27 PM - Dennis Box

Status:	Closed	**Start date:**	10/23/2015
Priority:	Normal	**Due date:**	
Assignee:	Parag Mhashilkar	**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:	v1.1.8	**Spent time:**	0.00 hour
First Occurred:		**Stakeholders:**	
Occurs In:			

Description

Hi Dennis,

In the jobsub wrapper I see the script excerpt below.

It would be nice if you replaced the 'ifdh "$@"' with something like:

which ifdh > /dev/null 2>&1
if ["$?" -ne "0"] ; then
echo "Can not find ifdh version $IFDH_VERSION in cvmfs"
else
ifdh "$@"
fi

or some such since you can come out of the loop not finding a suitable ifdh. I don't know why it's not finding it in cvmfs or where Ray is apparently finding it in his job.

Also, /cvmfs/oasis.opensciencegrid.org/fermilab is no more so you could clean that out of the code. I don't **think** /grid/fermiapp/products/common/etc/setups.sh or /fnal/ups/etc/setups.sh should be needed any more either should they since everything is in /cvmfs now?

Thanks,

joe

cat << '_HEREDOC_' > ${JSB_TMP}/ifdh.sh
#!/bin/sh #
which ifdh > /dev/null 2>&1
has_ifdh=$?
if ["$has_ifdh" -ne "0"] ; then
unset PRODUCTS
for setup_file in /cvmfs/fermilab.opensciencegrid.org/products/common/etc/setups /grid/fermiapp/products/common/etc/setups.sh /fnal/ups/etc/setups.sh /cvmfs/oasis.opensciencegrid.org/fermilab/products/common/etc/setups ; do
if [-e "$setup_file"] && ["$has_ifdh" -ne "0"]; then
source $setup_file
ups exist ifdhc $IFDH_VERSION
has_ifdh=$?
if ["$has_ifdh" = "0"] ; then
setup ifdhc $IFDH_VERSION
break
else
unset PRODUCTS
fi
fi
done
fi
ifdh "$@"
HEREDOC

On 10/22/2015 01:10 PM, Raymond L Culbertson wrote:

100% of these jobs are failing due to configuration mistake.
New test job is 3256486.0@fifebatch1.fnal.gov
Below is a note on a non-fatal error message from the glide-in apparently.
Ray

/var/lib/condor/execute/dir_30648/glide_2LNVZ7/execute/dir_4910/jsb_tmp/ifdh.sh: line 21: ifdh: command not found
observed on node named like:
8 iut2-c091.iu.edu
16 iut2-c161.iu.edu
8 iut2-c206.iu.edu
8 uct2-c126.mwt2.org
16 uct2-c170.mwt2.org
32 uct2-c269.mwt2.org
16 uct2-c290.mwt2.org
but these seem to not be fatal, the jobs continues and finds a working ifdh

no ifdh error on nodes like:
16 golub014
16 golub016
16 golub022
8 golub069
32 golub071
32 golub076
8 golub077

Ray Culbertson mu2e/CDF/FNAL rlc@fnal.gov 630-840-6744 WH9E (MS122)

_____
From: Raymond L Culbertson
Sent: Tuesday, October 20, 2015 9:55 AM
To: Joseph B Boyd; fife-support
Subject: RE: What is status of MWT2 for mu2e?

Thanks. I included that in the production scripts, but
failed to make the change in my testing notes.
The new job is
3227411.0@fifebatch1.fnal.gov
Ray

Ray Culbertson mu2e/CDF/FNAL rlc@fnal.gov 630-840-6744 WH9E (MS122)

_____
From: Joseph B Boyd
Sent: Tuesday, October 20, 2015 9:43 AM
To: Raymond L Culbertson; fife-support
Subject: Re: What is status of MWT2 for mu2e?

This is the site where you have to tune your memory request to make the
jobs fit. You're just over.

```
[root@fifebatch1 ~]# condor_status -constraint 'glidein_site == "MWT2"'
-af memory | sort | uniq -c
14 1920
24 2000
[root@fifebatch1 ~]# condor_q 3226207 -af requestmemory | sort | uniq -c
1000 2048
```

joe

On 10/20/2015 09:24 AM, Raymond L Culbertson wrote:

> No sections of this job have started. I'm not running anything else at MWT2,
> so I would expect at least a few to have started if the site is advertising opportunistic slots..
> If it is easy, please check if my job is not authenticating or matching. Thanks,
> Ray
>
> Ray Culbertson mu2e/CDF/FNAL rlc@fnal.gov 630-840-6744 WH9E (MS122)

_____
From: Raymond L Culbertson
Sent: Monday, October 19, 2015 5:17 PM
To: Joseph B Boyd; fife-support
Subject: RE: What is status of MWT2 for mu2e?

Thanks very much!. I am happy to run the tests, here is 1K jobs:
3226207.0@fifebatch1.fnal.gov
I will report back tomorrow.
Ray

Ray Culbertson mu2e/CDF/FNAL rlc@fnal.gov 630-840-6744 WH9E (MS122)

_____
From: Joseph B Boyd
Sent: Monday, October 19, 2015 4:12 PM
To: Raymond L Culbertson; fife-support
Subject: What is status of MWT2 for mu2e?

Hi Ray,

Are you using MWT2 for mu2e production jobs? A while back you had a problem relating to the OSG_GRID environment variable not being set and we opened ticket:

https://ticket.opensciencegrid.org/26805

I just ran some test jobs and I do see OSG_GRID set now along with all the other variables you say you don't see any more. There was some issue apparently with new nodes that were moved in but maybe they're all fixed.

Do you want me to send a bunch more jobs and see if I can find one missing the right setup or do you want to try to use it again?

Thanks,

joe

History

#1 - 11/02/2015 05:32 PM - Dennis Box

- Status changed from New to Feedback

- Assignee changed from Dennis Box to Parag Mhashilkar

#2 - 11/18/2015 12:03 PM - Dennis Box

- Status changed from Feedback to Closed