

JobSub - Bug #6281

krbrefresh.sh failure on fifebatch1

05/15/2014 10:01 AM - Dennis Box

Status:	Closed	Start date:	05/15/2014
Priority:	Normal	Due date:	
Assignee:	Dennis Box	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	v0.3	Spent time:	3.00 hours
First Occurred:		Stakeholders:	
Occurs In:			

Description

Hi Dennis,

Any idea why the krbrefresh.sh script produces the below error when it sees this job:

```
[rexbatch@fifebatch1 ~]$ condor_q -constraint 'Owner == "boyd"' -format "%s\n" accountinggroup
group_uboone.boyd
```

Note the error below has "AcctGroup='boone'". What happened to the "u".

Thanks,

joe

----- Original Message -----

Subject: Cron <rexbatch@fifebatch1> /opt/jobsub/server/admin/krbrefresh.sh --refresh-proxies 10800 > /tmp/refresh-proxies.out

Date: Wed, 14 May 2014 14:22:05 -0500

From: Cron Daemon <root@fifebatch1.fnal.gov>

To: <rexbatch@fifebatch1.fnal.gov>

Traceback (most recent call last):

File "/opt/jobsub/server/webapp/auth.py", line 316, in <module>

refresh_proxies(sys.argv²)

File "/opt/jobsub/server/webapp/auth.py", line 242, in refresh_proxies

authorize(dn,user,grp,'Analysis',agelimit)

File "/opt/jobsub/server/webapp/auth.py", line 205, in authorize

raise AuthorizationError(dn, acctgroup)

main.AuthorizationError: Error authorizing DN='/DC=gov/DC=fnal/O=Fermilab/OU=Robots/CN=fifegrid/CN=batch/CN=Joe B. Boyd/CN=UID:boyd' for AcctGroup='boone'

History

#1 - 05/21/2014 04:36 PM - Dennis Box

- Status changed from New to Assigned

- Target version set to v0.3

- % Done changed from 0 to 80

I can reproduce the problem and can fix it but don't understand why its a problem in the first place. In the python code, line 240 of /opt/jobsub/server/webapp/auth.py there is this instruction:

```
grp=grp.strip("group_")
```

grp is originally pulled from condor classads and is either group_minos, group_uboone, group_nova, etc. This line is supposed to transform grp into minos, uboone, nova etc. The problem is it transforms group_uboone to boone. I can reproduce it in a python window so there is something going on with the string strip function I do not understand. Note that

```
grp=grp.replace("group_", "")
```

works fine and I am replacing this line of code in v0.3.0 but I wish I understood what was happening.

Dennis

#2 - 05/21/2014 04:50 PM - Parag Mhashilkar

strip is wrong call to use here. It strips chars present in 'group_' from the original string. In short is is character strip not string strip

```
>>> grp = 'group_grape'  
>>> grp.strip('group_')  
'ape'  
>>> grp.lstrip('group_')  
'ape'
```

#3 - 05/23/2014 03:18 PM - Dennis Box

- Status changed from Assigned to Resolved

- % Done changed from 80 to 100

fixed by changing string.strip() call to string.replace()

#4 - 05/27/2014 03:05 PM - Parag Mhashilkar

- Status changed from Resolved to Closed