

JobSub - Bug #23109

can jobsub server create haproxy heartbeat file related to schedd health

08/13/2019 11:42 AM - Dennis Box

Status:	New	Start date:	08/13/2019
Priority:	Normal	Due date:	
Assignee:	Dennis Box	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
First Occurred:		Stakeholders:	
Occurs In:			
Description			
this could streamline a lot of code and make scaling out servers easier			

History

#1 - 08/19/2019 03:44 PM - Dennis Box

I am trying this out on a jobsub server on a fermicloud node. Comments and suggestions are welcome.

- part one, the cron to run this once a minute non blocking

```
* * * * * /usr/bin/flock -n /tmp/is_schedd_healthy.lockfile /var/lib/condor/modules/is_schedd_healthy
```

- part two, the actual script. If httpd or condor are healthy, create /var/www/html/heartbeat . If not, remove heartbeat

```
#!/bin/bash
www=/var/www/html #for deployment
#www=$(pwd) #for testing
HEALTH=${www}/schedd_health
HEART=${www}/heartbeat
if wget --no-check-certificate "https://$HOSTNAME/cigetcertopts.txt" -qO /dev/null &&
  rdc=$(condor_status -constraint "name=?=\"$HOSTNAME\"" -schedd -af recentdaemoncoredutyycle) &&
  echo $rdc | grep -q [0-9] &&
  (( $(echo "0.0E-09 < $rdc" |bc -l) )) &&
  (( $(echo "$rdc < 9.0E-01" |bc -l) ))
then
  echo "$rdc" > $HEALTH
  touch $HEART
else
  rm -f $HEALTH
  rm -f $HEART
  false
fi
```