Production Operations Management Service (POMS) - Feature #14248

Use elasticsearch condor events for better job data

10/24/2016 04:37 PM - Marc Mengel

Status:	Closed		**Start date:**	10/24/2016
Priority:	Normal		**Due date:**	
Assignee:	Joe Boyd		**% Done:**	100%
Category:			**Estimated time:**	0.00 hour
Target version:	v2_0_0		**Spent time:**	0.00 hour
Scope:	Internal		**Stakeholders:**	
Experiment:	-			

Description

We should use elasticsearch to fetch job data as well as (and possibly instead of)
using condor_q output. We should then get actual final data for the jobs and not
have any without cpu_time, etc. once they're completed.

Michal G left us a nice webservice/elasticsearch.py interface file that should let
us build a new agent for this.

History

#1 - 11/08/2016 09:07 AM - Tanya Levshina

This task is dependent on Feature #14376. For some reason I don't have means to add parent -> child relationship

#2 - 11/08/2016 03:32 PM - Joe Boyd

- Assignee set to Joe Boyd

#3 - 11/16/2016 11:08 AM - Joe Boyd

reporter agent script collecting job data from condor
event logs (from elasticsearch or directly from condor).
-- actual termination (so we can turn off 3 strikes code in condor_q watcher)
-- final memory/cpu usage
-- job exit code (vs user executable we have now)

#4 - 12/14/2016 03:11 PM - Anna Mazzacane

- Status changed from New to Work in progress

#5 - 12/19/2016 03:50 PM - Joe Boyd

We are currently ingesting these attributes into the fifebatch-jobs table:

Env
Jobstatus
ClusterID
ProcID
MATCH_EXP_JOB_GLIDEIN_Site
NumRestarts
HoldReason
RemoteUserCpu
RemoteWallClockTime
JobsubJobID
ProcID

We are NOT ingesting these from jobs:

RemoteHost
EnteredCurrentStatus
Args

Will have to get those to have full functionality.

#6 - 12/28/2016 10:51 AM - Joe Boyd

- % Done changed from 30 to 80

#7 - 01/06/2017 03:57 PM - Joe Boyd

- Target version changed from v1_1_0 to v2_0_0

#8 - 02/28/2017 04:25 PM - Joe Boyd

- % Done changed from 80 to 100

This is done and merged into develop. Want to check after deployment to production

#9 - 02/28/2017 04:28 PM - Joe Boyd

- Status changed from Work in progress to Resolved

#10 - 03/06/2017 11:24 AM - Marc Mengel

- Status changed from Resolved to Closed

- % Done changed from 30 to 80

#7 - 01/06/2017 03:57 PM - Joe Boyd

- Target version changed from v1_1_0 to v2_0_0

#8 - 02/28/2017 04:25 PM - Joe Boyd