

D4Science Infrastructure - Task #11241

Reset DataMiner cluster

Feb 20, 2018 09:23 PM - Gianpaolo Coro

Status:	Closed	Start date:	Feb 20, 2018
Priority:	Normal	Due date:	
Assignee:	Roberto Cirillo	% Done:	100%
Category:	High-Throughput-Computing	Estimated time:	0.00 hour
Target version:	Data Processing		
Infrastructure:	Production		
Description			
The production cluster services should be restarted in order to stop all the DataMiner jobs. Further, files in the ecocfg folder starting with "ar_bigdata*" should be deleted. Some DMs do not respond with GetCapabilities information for some reason but they are not excluded from the cluster. Usually, this happens if some algorithm library is not correctly installed.			
However, the main reason of this restart is that I found some issues in the Argo NetCDF processing code and reduced the computation time of 70%, thus I would run the computations again.			

History

#1 - Feb 21, 2018 09:52 AM - Roberto Cirillo

- Status changed from New to In Progress

#2 - Feb 21, 2018 10:04 AM - Roberto Cirillo

the fix is running right now

#3 - Feb 21, 2018 10:19 AM - Roberto Cirillo

- Status changed from In Progress to Feedback

- Assignee changed from Roberto Cirillo to Gianpaolo Coro

- % Done changed from 0 to 100

Done. Some garr hosts were unreachable. This is the ansible recap:

192.168.100.13	: ok=3	changed=2	unreachable=0	failed=0
192.168.100.14	: ok=0	changed=0	unreachable=1	failed=0
192.168.100.19	: ok=3	changed=2	unreachable=0	failed=0
192.168.100.3	: ok=0	changed=0	unreachable=1	failed=0
192.168.100.6	: ok=0	changed=0	unreachable=1	failed=0
192.168.100.7	: ok=0	changed=0	unreachable=1	failed=0
192.168.100.8	: ok=0	changed=0	unreachable=1	failed=0
192.168.100.9	: ok=0	changed=0	unreachable=1	failed=0
dataminer-proto-ghost.d4science.org	: ok=3	changed=2	unreachable=0	failed=0
dataminer0-proto.d4science.org	: ok=3	changed=2	unreachable=0	failed=0
dataminer1-p-d4s.d4science.org	: ok=3	changed=2	unreachable=0	failed=0
dataminer1-proto.d4science.org	: ok=3	changed=2	unreachable=0	failed=0
dataminer2-p-d4s.d4science.org	: ok=3	changed=2	unreachable=0	failed=0
dataminer2-proto.d4science.org	: ok=3	changed=2	unreachable=0	failed=0
dataminer3-genericworkers.d4science.org	: ok=3	changed=2	unreachable=0	failed=0
dataminer3-p-d4s.d4science.org	: ok=3	changed=2	unreachable=0	failed=0
dataminer3-proto.d4science.org	: ok=3	changed=2	unreachable=0	failed=0
dataminer4-p-d4s.d4science.org	: ok=3	changed=2	unreachable=0	failed=0
dataminer4-proto.d4science.org	: ok=3	changed=2	unreachable=0	failed=0
dataminer5-p-d4s.d4science.org	: ok=3	changed=2	unreachable=0	failed=0
dataminer5-proto.d4science.org	: ok=3	changed=2	unreachable=0	failed=0
ip-90-147-166-23.ct1.garrservices.it	: ok=3	changed=2	unreachable=0	failed=0
ip-90-147-166-24.ct1.garrservices.it	: ok=0	changed=0	unreachable=1	failed=0
ip-90-147-167-173.ct1.garrservices.it	: ok=3	changed=2	unreachable=0	failed=0
ip-90-147-167-175.ct1.garrservices.it	: ok=3	changed=2	unreachable=0	failed=0
ip-90-147-167-176.ct1.garrservices.it	: ok=3	changed=2	unreachable=0	failed=0
ip-90-147-167-177.ct1.garrservices.it	: ok=3	changed=2	unreachable=0	failed=0
ip-90-147-167-178.ct1.garrservices.it	: ok=3	changed=2	unreachable=0	failed=0
ip-90-147-167-179.ct1.garrservices.it	: ok=3	changed=2	unreachable=0	failed=0
ip-90-147-167-180.ct1.garrservices.it	: ok=3	changed=2	unreachable=0	failed=0

ip-90-147-167-181.ct1.garrservices.it	: ok=3	changed=2	unreachable=0	failed=0
ip-90-147-167-182.ct1.garrservices.it	: ok=3	changed=2	unreachable=0	failed=0
ip-90-147-167-183.ct1.garrservices.it	: ok=3	changed=2	unreachable=0	failed=0
ip-90-147-167-222.ct1.garrservices.it	: ok=3	changed=2	unreachable=0	failed=0
ip-90-147-167-230.ct1.garrservices.it	: ok=3	changed=2	unreachable=0	failed=0
ip-90-147-167-234.ct1.garrservices.it	: ok=3	changed=2	unreachable=0	failed=0
ip-90-147-167-236.ct1.garrservices.it	: ok=3	changed=2	unreachable=0	failed=0
ip-90-147-167-237.ct1.garrservices.it	: ok=3	changed=2	unreachable=0	failed=0

#4 - Feb 21, 2018 10:26 AM - Gianpaolo Coro

I don't understand why the HA proxy did not recognize they were down.

#5 - Feb 21, 2018 11:18 AM - Roberto Cirillo

- Status changed from Feedback to Closed

- Assignee changed from Gianpaolo Coro to Roberto Cirillo

This is not a haproxy problem. The hosts above were going in timeout when I was trying to connect via ssh to that VMs. I've run again the fix and now all the hosts have been restarted correctly.