

D4Science Infrastructure - Incident #10651

dataminer3-p-d4s.d4science.org filled the disk

Dec 11, 2017 07:41 PM - Andrea Dell'Amico

Status:	Closed	Start date:	Dec 11, 2017
Priority:	Urgent	Due date:	
Assignee:	_InfraScience Systems Engineer	% Done:	100%
Category:	System Application	Estimated time:	0.00 hour
Target version:	No Sprint		
Infrastructure:	Production		
Description			
Under Smartgears/state there are 17GB worth of files:			
<pre>-rw-r--r-- 1 gcube gcube 0 Dec 11 19:34 _d4science.research-infrastructures.eu_ParthenosVO_PAR THENOS_LAB fallback.log -rw-r--r-- 1 gcube gcube 2.5G Dec 11 15:37 _d4science.research-infrastructures.eu_ParthenosVO_PAR THENOS_LAB fallback.log.ELABORATION.1513003048956 -rw-r--r-- 1 gcube gcube 4.7G Dec 11 15:44 _d4science.research-infrastructures.eu_ParthenosVO_PAR THENOS_LAB fallback.log.ELABORATION.1513003442540 -rw-r--r-- 1 gcube gcube 587M Dec 11 15:44 _d4science.research-infrastructures.eu_ParthenosVO_PAR THENOS_LAB fallback.log.ELABORATION.1513003648955 -rw-r--r-- 1 gcube gcube 1.1G Dec 11 15:55 _d4science.research-infrastructures.eu_ParthenosVO_PAR THENOS_LAB fallback.log.ELABORATION.1513004248955 -rw-r--r-- 1 gcube gcube 1005M Dec 11 16:06 _d4science.research-infrastructures.eu_ParthenosVO_PAR THENOS_LAB fallback.log.ELABORATION.1513004848955 -rw-r--r-- 1 gcube gcube 91M Dec 11 18:15 _d4science.research-infrastructures.eu_ParthenosVO_PAR THENOS_LAB fallback.log.ELABORATION.1513012543784 -rw-r--r-- 1 gcube gcube 71M Dec 11 18:15 _d4science.research-infrastructures.eu_ParthenosVO_PAR THENOS_LAB fallback.log.ELABORATION.1513012550397 -rw-r--r-- 1 gcube gcube 132M Dec 11 18:16 _d4science.research-infrastructures.eu_ParthenosVO_PAR THENOS_LAB fallback.log.ELABORATION.1513012560579 -rw-r--r-- 1 gcube gcube 129M Dec 11 18:16 _d4science.research-infrastructures.eu_ParthenosVO_PAR THENOS_LAB fallback.log.ELABORATION.1513012571159 -rw-r--r-- 1 gcube gcube 64M Dec 11 18:16 _d4science.research-infrastructures.eu_ParthenosVO_PAR THENOS_LAB fallback.log.ELABORATION.1513012576254 -rw-r--r-- 1 gcube gcube 606M Dec 11 18:17 _d4science.research-infrastructures.eu_ParthenosVO_PAR THENOS_LAB fallback.log.ELABORATION.1513012624666 -rw-r--r-- 1 gcube gcube 213M Dec 11 18:17 _d4science.research-infrastructures.eu_ParthenosVO_PAR THENOS_LAB fallback.log.ELABORATION.1513012648955 -rw-r--r-- 1 gcube gcube 50K Dec 11 18:26 _d4science.research-infrastructures.eu_ParthenosVO_PAR THENOS_LAB fallback.log.ELABORATION.1513013248955 -rw-r--r-- 1 gcube gcube 31K Dec 11 18:36 _d4science.research-infrastructures.eu_ParthenosVO_PAR THENOS_LAB fallback.log.ELABORATION.1513013848955 -rw-r--r-- 1 gcube gcube 1.4M Dec 11 18:56 _d4science.research-infrastructures.eu_ParthenosVO_PAR THENOS_LAB fallback.log.ELABORATION.1513015049010</pre>			
(they are sparse files, so they are bigger than that:			
<pre>du -hs * 4.0G _d4science.research-infrastructures.eu_ParthenosVO_PARTHENOS_LAB fallback.log.ELABORATION. 1513003048956 8.0G _d4science.research-infrastructures.eu_ParthenosVO_PARTHENOS_LAB fallback.log.ELABORATION. 1513003442540 1.0G _d4science.research-infrastructures.eu_ParthenosVO_PARTHENOS_LAB fallback.log.ELABORATION. 1513003648955 1.3G _d4science.research-infrastructures.eu_ParthenosVO_PARTHENOS_LAB fallback.log.ELABORATION. 1513004248955 1.0G _d4science.research-infrastructures.eu_ParthenosVO_PARTHENOS_LAB fallback.log.ELABORATION. 1513004848955 128M _d4science.research-infrastructures.eu_ParthenosVO_PARTHENOS_LAB fallback.log.ELABORATION. 1513012543784 128M _d4science.research-infrastructures.eu_ParthenosVO_PARTHENOS_LAB fallback.log.ELABORATION.</pre>			

1513012550397
256M _d4science.research-infrastructures.eu_ParthenosVO_PARTHENOS_LAB.fallback.log.ELABORATION.
1513012560579
256M _d4science.research-infrastructures.eu_ParthenosVO_PARTHENOS_LAB.fallback.log.ELABORATION.
1513012571159
64M _d4science.research-infrastructures.eu_ParthenosVO_PARTHENOS_LAB.fallback.log.ELABORATION.1513
012576254
609M _d4science.research-infrastructures.eu_ParthenosVO_PARTHENOS_LAB.fallback.log.ELABORATION.
1513012624666
215M _d4science.research-infrastructures.eu_ParthenosVO_PARTHENOS_LAB.fallback.log.ELABORATION.
1513012648955
64K _d4science.research-infrastructures.eu_ParthenosVO_PARTHENOS_LAB.fallback.log.ELABORATION.1513
013248955
64K _d4science.research-infrastructures.eu_ParthenosVO_PARTHENOS_LAB.fallback.log.ELABORATION.1513
013848955
1.4M _d4science.research-infrastructures.eu_ParthenosVO_PARTHENOS_LAB.fallback.log.ELABORATION.
1513015049010

I removed 10GB of log files in the evening, but they have been filled in a couple of hours.

Related issues:

Related to D4Science Infrastructure - Incident #10910: The accounting fallback...	Closed	Jan 13, 2018
Is duplicate of D4Science Infrastructure - Task #10654: Fallback files not ma...	Rejected	Dec 12, 2017
Is duplicate of D4Science Infrastructure - Incident #10701: accounting bloat ...	Closed	Dec 14, 2017

History

#1 - Dec 12, 2017 10:38 AM - Roberto Cirillo

- Related to Task #10654: Fallback files not managed correctly on dataminer3 added

#2 - Dec 12, 2017 10:53 AM - Roberto Cirillo

- Assignee changed from Roberto Cirillo to Luca Frosini

I'm going to assign this incident to @luca.frosini@isti.cnr.it I was already open the same issue here [#10654](#).

I've notice the problem was related only on PARTHENOS_LAB scope. Now the cluster has been removed from that scope so I think the situation is going to be under control.

We should to understand way there are all that files in ELABORATION state and why that file are present only on dataminer3 and not on dataminer4, dataminer5

#3 - Dec 12, 2017 10:56 AM - Luca Frosini

- Related to deleted (Task #10654: Fallback files not managed correctly on dataminer3)

#4 - Dec 12, 2017 10:56 AM - Luca Frosini

- Is duplicate of Task #10654: Fallback files not managed correctly on dataminer3 added

#5 - Dec 12, 2017 11:00 AM - Luca Frosini

- Status changed from New to In Progress

I made some random checks on the records in such a files. The checked records were accounted successfully on couchbase db. IHMO you can delete the files.

#6 - Dec 12, 2017 11:26 AM - Roberto Cirillo

I think it's better to understand why there are all that elaboration files stored in a single day.

Yesterday there were "only" 152 calls on dataminer3.

I've checked the following id extracted from a random fallback elaboration file. This id is correctly stored on couchbase but it is still present on elaboration files. In addition this id has 1716944 entries in the elaboration files stored yesterday on dataminer3.

So I think this id (and maybe many others) is going in a loop. @luca.frosini@isti.cnr.it is it possible?

#7 - Dec 12, 2017 12:24 PM - Luca Frosini

- Status changed from In Progress to Rejected

#8 - Dec 12, 2017 12:25 PM - Luca Frosini

- Status changed from Rejected to In Progress

#9 - Dec 12, 2017 02:15 PM - Luca Frosini

I have copied all fallback files and accounting.log files locally to investigate the issue.
You can remove the files if you want.

#10 - Dec 12, 2017 02:20 PM - Luca Frosini

- *Status changed from In Progress to Feedback*
- *Assignee changed from Luca Frosini to _InfraScience Systems Engineer*

#11 - Dec 12, 2017 06:31 PM - Roberto Cirillo

I've removed all fallback files and accounting logs from dataminer3-p-d4s

#12 - Dec 12, 2017 08:08 PM - Pasquale Pagano

- *Status changed from Feedback to Closed*

#14 - Dec 14, 2017 02:44 PM - Luca Frosini

- *Is duplicate of Incident #10701: accounting bloat on workspace-repository-prod1.d4science.org added*

#15 - Jan 13, 2018 02:54 PM - Andrea Dell'Amico

- *Related to Incident #10910: The accounting fallback logs are killing a lot of services added*