

D4Science Infrastructure - Support #12634

Resource leak in geonetwork processes

Oct 08, 2018 06:12 PM - Tommaso Piccioli

Status:	Closed	Start date:	Oct 08, 2018
Priority:	Normal	Due date:	
Assignee:	Fabio Sinibaldi	% Done:	100%
Category:	Application	Estimated time:	0.00 hour
Infrastructure:	Production		
Description			
<p>on geonetwork1-p-d4s.d4science.org (alias geonetwork.d4science.org) there are many deleted files with existing file system handles. At the moment they are quite 5500 files, 25 GB of deleted files still on the disk</p> <p>They are all files like</p> <pre>-rw-r--r-- 0 gcube gcube 15K Oct 8 14:18 /proc/19315/fd/5683 lr-x----- 1 gcube gcube 64 Oct 8 18:06 /proc/19315/fd/5683 -> /home/gcube/tomcat/webapps/geonetwork/WEB-INF/lucene/nonspatial/_csf.cfs (deleted)</pre> <p>and many of them. es.</p> <pre>-rw-r--r-- 0 gcube gcube 258M Oct 7 12:00 /proc/19315/fd/5562 lr-x----- 1 gcube gcube 64 Oct 8 12:08 /proc/19315/fd/5562 -> /home/gcube/tomcat/webapps/geonetwork/WEB-INF/lucene/nonspatial/_coq.cfs (deleted)</pre> <p>are very big</p> <p>All this is due to some processes running in tomcat Probably we can't free the disk space without restart tomcat but this is a secondary problem, the first is to discover the cause.</p>			

History

#1 - Oct 08, 2018 06:29 PM - Fabio Sinibaldi

- Status changed from New to Feedback

I'm not sure whether the problem is due to lucene or geonetwork using it (probably the use of IndexSearcher), but it's definitely a bug of geonetwork app as a whole since none of other webapps deployed in that instance is known to deal with such files (common-smartgears-probe, whn-manager)

Since it's a third-party app, until we migrate to newer versions of GN -hoping a fix will be provided- our only option is a tomcat restart, I guess.

#2 - Oct 09, 2018 02:36 PM - Tommaso Piccioli

- Status changed from Feedback to Closed

VM restarted Oct 9 13:25