

Infrastructure - Task #2434

Ensure log rotation is reasonable for tomcat on MNs

2012-03-02 23:28 - Chris Jones

Status:	Closed	Start date:	2012-03-02
Priority:	Low	Due date:	
Assignee:	Chris Jones	% Done:	100%
Category:	Metacat	Estimated time:	0.00 hour
Target version:	Sprint-2012.11-Block.2.2	Story Points:	
Milestone:	CCI-1.0.0		
Product Version:	*		

Description

Andy noticed:

With all the testing going on against demo3, the tomcat log file has gotten kind of large (~1.4GB). I would suggest throwing a log rotate configuration file into place.

For example, you can put the following in /etc/logrotate.d/tomcat:

```
/var/log/tomcat6/catalina.out {  
missingok  
rotate 30  
dateext  
delaycompress  
ifempty  
create 644 tomcat6 tomcat6  
copytruncate  
}
```

One problem is that tomcat keeps the file handle open. So instead of restarting it, I just do a copy & truncate. There is a chance you'll miss a log entry or two, but I don't think that's too important on a dev box.

A quick description: The above configuration will deal with missing files, delete older than 30 copies, use the date as an extension instead of a number, compress all but the most recent archive, do it even if it's empty, and the new files will be readable by all and owned by tomcat6:tomcat6.

We are rotating files for Metacat using the log4j.properties configuration on the CNs, and should do the same on the MNs.

History

#1 - 2012-04-20 15:30 - Chris Jones

- Status changed from New to Closed

I've modified the tomcat config in the sandbox MNs to rotate logs.