Infrastructure - Bug #7919

unloadable system metadata in CNs by Hazelcast

2016-10-26 16:22 - Rob Nahf

Status:	New		**Start date:**	2016-10-26
Priority:	High		**Due date:**	
Assignee:			**% Done:**	0%
Category:	Metacat		**Estimated time:**	0.00 hour
Target version:	CCI-2.4.0			
Milestone:	None		**Story Points:**	
Product Version:	*			

Description

Looking through the metacat logs, I found a lot of instances where the HzSystemMetadataMap could not load system metadata for particular pids. Most had dryad in the pid (~1200), but another 130 are from elsewhere.

a random sample showed that it couldn't be retrieved via /meta although the pid could be retrieved from the Dryad MN.

This appears to be another type of half-created content on the CN.

rnahf@cn-ucsb-1:~$ grep 'could not load system metadata' /var/metacat/logs/metacat.log | cut -c60- | sort | uniq | grep -v dryad | wc -l
139
rnahf@cn-ucsb-1:~$ grep 'could not load system metadata' /var/metacat/logs/metacat.log | cut -c60- | sort | uniq | grep dryad | wc -l
1216

History

#1 - 2016-11-01 19:30 - Dave Vieglais

Ran a quick check of identifier consistency across CNs for urn:nodeDRYAD using
https://github.com/DataONEorg/DataONE_Operations/blob/master/scripts/d1getpids

Found 0/108053 indentifiers in cn-ucsb-1.dataone.org not in cn-ucsb-1.dataone.org
Found 1023/108053 indentifiers in cn-ucsb-1.dataone.org not in cn-unm-1.dataone.org
Found 1027/108053 indentifiers in cn-ucsb-1.dataone.org not in cn-orc-1.dataone.org
Found 0/107030 identifiers in cn-unm-1.dataone.org not in cn-ucsb-1.dataone.org
Found 0/107030 identifiers in cn-unm-1.dataone.org not in cn-unm-1.dataone.org
Found 4/107030 identifiers in cn-unm-1.dataone.org not in cn-orc-1.dataone.org
Found 0/107026 identifiers in cn-orc-1.dataone.org not in cn-ucsb-1.dataone.org
Found 0/107026 identifiers in cn-orc-1.dataone.org not in cn-unm-1.dataone.org
Found 0/107026 indentifiers in cn-orc-1.dataone.org not in cn-orc-1.dataone.org

Document comparison
Found 0/108053 filenames listed by cn-ucsb-1.dataone.org but not present on filesystem
Found 28/107030 filenames listed by cn-unm-1.dataone.org but not present on filesystem
Found 30/107026 filenames listed by cn-orc-1.dataone.org but not present on filesystem