

Infrastructure - Task #3435

Story # 3434 (Closed): Investigate Timeout Problems on Staging Hazelcast

Examine the Locking exception thrown during call to updateReplicationMetadata()

2012-12-19 19:23 - Robert Waltz

Status:	Closed	Start date:	2012-12-19
Priority:	Normal	Due date:	
Assignee:	Robert Waltz	% Done:	100%
Category:	Metacat	Estimated time:	0.00 hour
Target version:	Sprint-2012.50-Block.6.4	Story Points:	
Milestone:	CCI-1.1		
Product Version:	*		
Description			
The following is the sequence of events during which the Error occurred.			
UNM heartbeat -> ORC no response			
PUT /cn/v1/replicaMetadata/doi:10.6085%2FAA%2Fsbclter.451.26 -> UNM			
UNM Throws -> IllegalMonitorStateException: Current thread is not owner of the lock!			
UNM WARNS -> Master node has timed out its heartbeat and will be removed			
UNM REMOVES -> ORC			
UNM SETS -> Master address to UNM			
PUT /cn/v1/replicaMetadata/doi:10.6085%2FAA%2Fsbclter.306.4 -> UNM			
UNM Throws -> VersionMismatch: The requested system metadata version number 1 differs from the current version at 2			
UNM Re-partitioning cluster data			
UNM Merging data			
UNM Sends -> Join ORC request			
UNM Joins -> ORC			
Although I do not know when the heartbeat monitor starts failing, from the default settings it would appear to be 300 seconds before the heartbeat timeout. Disconnect to reconnect took 15 seconds. The IllegalMonitorStateException occurred 5 seconds before the heartbeat timeout.			