Infrastructure - Story #3059

Research potential HZ Bug

2012-07-10 01:22 - Robert Waltz

Status:	Rejected		**Start date:**	2012-07-10
Priority:	Normal		**Due date:**	2012-10-27
Assignee:	Robert Waltz		**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:	Sprint-2012.41-Block.6.1			
Story Points:				

Description

appears to be thrown when cn-orc-1, was the first system to be started in the cluster.

cn-unm-1 was restarted, waited until it was fully operational and then cn-ucsb-1 as restarted. After all three were operational, cn-orc-1 was shutdown and left the cluster.

cn-unm-1 started to send these messages:

Jul 10, 2012 12:20:20 AM com.hazelcast.impl.PartitionManager
WARNING: /64.106.40.6:5701 [DataONE] Block [55] owner=Address[64.106.40.6:5701]
migrationAddress=Address[128.111.36.80:5701] migration is not completed for 10 seconds.
Jul 10, 2012 12:20:49 AM com.hazelcast.impl.PartitionManager
WARNING: /64.106.40.6:5701 [DataONE] Block [81] owner=Address[64.106.40.6:5701]
migrationAddress=Address[128.111.36.80:5701] migration is not completed for 10 seconds.

indicating partitioning problems between cn-unm-1 and cn-ucsb-1.

after 10 minutes when these messages stopped, cn-orc-1 was restarted.

cn-orc-1 reported these messages:

Jul 10, 2012 12:46:15 AM com.hazelcast.impl.ConcurrentMapManager
INFO: /160.36.13.150:5701 [DataONE] ======= -1: CONCURRENT_MAP_ADD_TO_SET ========
thisAddress= Address[160.36.13.150:5701], target= null
targetMember= null, targetConn=null, targetBlock=Block [39] owner=Address[128.111.36.80:5701]
migrationAddress=Address[160.36.13.150:5701]
org.dataone.service.types.v1.Identifier@7caa5dd3 Re-doing [20] times! m:s:hzIdentifiers : null

and cn-unm-1 reported these messages:

Jul 10, 2012 12:41:28 AM com.hazelcast.impl.PartitionManager
WARNING: /64.106.40.6:5701 [DataONE] Block [30] owner=Address[128.111.36.80:5701]
migrationAddress=Address[160.36.13.150:5701] migration is not completed for 10 seconds.
Jul 10, 2012 12:42:09 AM com.hazelcast.impl.PartitionManager
WARNING: /64.106.40.6:5701 [DataONE] Block [12] owner=Address[128.111.36.80:5701]
migrationAddress=Address[160.36.13.150:5701] migration is not completed for 10 seconds.

History

#1 - 2012-07-10 12:20 - Dave Vieglais

Possibly related, adding mostly to keep track of one potential trail to follow. https://github.com/hazelcast/hazelcast/issues/117

The issue was related to sensitivity of hazelcast to time offset between the servers.

#2 - 2012-07-10 12:24 - Dave Vieglais

And another thread that suggests this message is informational, though unusually slow for something to take more than 10 secs:
https://groups.google.com/forum/?fromgroups#!topic/hazelcast/54mAiG3PjTo

#3 - 2012-07-13 22:57 - Robert Waltz

this is similar to what we saw last november with our client connection problems from the process daemons to the storage cluster

http://stackoverflow.com/questions/9997057/issue-on-start-up-with-hazelcast-concurrent-map-put

#4 - 2012-08-31 16:44 - Robert Waltz

- Milestone changed from CCI-1.0.4 to None

- Target version set to Sprint-2012.39-Block.5.4

#5 - 2012-09-18 17:06 - Robert Waltz

- Milestone changed from None to CCI-1.1

- Target version changed from Sprint-2012.39-Block.5.4 to Sprint-2012.41-Block.6.1

#6 - 2012-09-26 16:52 - Robert Waltz

- Milestone changed from CCI-1.1 to CCI-1.2

#7 - 2012-10-08 16:45 - Robert Waltz

- Due date set to 2012-10-27

- translation missing: en.field_remaining_hours set to 0.0

- Status changed from New to Rejected

This is not a bug. The resolution to this type of warning will most likely be solved by updating Hazelcast.