CN REST - Bug #6836

Hazelcast "Current thread is not owner of lock!" error when calling CN create()

2015-02-03 23:19 - Andrei Buium

Status:	Closed	Start date:	2015-02-03
Priority:	Normal	Due date:	
Assignee:	Jing Tao	% Done:	100%
Category:	cn_metacat	Estimated time:	0.00 hour
Target version:			
Story Points:			
Description			
Problem:			
•	CN create() method to create a new p Current thread is not owner of lock!"	piece of metadata, this exception	is returned:
How to reproduce	9:		
(The context.cn.b	reproduced by running through Multip paseurl variable needs to be set to a v der() and testIsAuthorized_*() method	alid CN. I used https://cn-sandbo	
Details:			
	from edu.ucsb.nceas.metacat.dataon lock.unlock() in the finally block.	e.CNodeService.java in the crea	te() method.
	e lock.unlock() exception is hiding the	e actual error:	
 lock.lock() thro the exception i 	ws an exception s caught and in the catch block we th		orrect message eption (because lock never got locked by this

History

#1 - 2015-02-03 23:21 - Andrei Buium

- Category set to cn_metacat

Changed category to cn_metacat

#2 - 2015-02-03 23:27 - Andrei Buium

- Assignee set to Jing Tao

Set Jing as the assignee so he knows about this ticket.

#3 - 2015-02-10 01:52 - Jing Tao

When I ran a new test case for the create method in my junit suite, I saw the error as well. The code looks like:

try {

lock = HazelcastService.getInstance().getLock(pid.getValue());
//some code for checking if allowed
lock.lock();

} finally { lock.unlock(); The problem is we didn't call lock.lock() immediately after getting the lock. So it can happen that the lock.unlock is called without calling lock.lock(). When I moved the code lock.lock() immediately after getLock(). The problem is gone.

I suspect you used a wrong certificate to call the create method.

#4 - 2015-02-10 01:53 - Jing Tao

- % Done changed from 0 to 30
- Status changed from New to In Progress

#5 - 2015-02-10 17:38 - Jing Tao

- Status changed from In Progress to Closed
- % Done changed from 30 to 100

When Andrei used a certificate with an CN subject, the creation method worked. The certificate with subject testRightsHolder doesn't work.