# Infrastructure - Task #7947

## Calling cn.synchronize method asynchronously in mn.updatesystemmeta on Metacat

2016-11-30 23:34 - Jing Tao

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|---|---|---|---|
| **Status:** | Closed | **Start date:** | 2016-11-30 |
| **Priority:** | Normal | **Due date:** | |
| **Assignee:** | Jing Tao | **% Done:** | 100% |
| **Category:** | Metacat | **Estimated time:** | 0.00 hour |
| **Target version:** | CCI-2.3.1 | | |
| **Milestone:** | None | **Story Points:** | |
| **Product Version:** | * | | |

**Description**

The a client to the mn.updatesystemetadata on the Metacat mn, sometimes it waited for 30 seconds to finish the call. The problem is that the calling of cn.synchronize method somehow was hang, then returned a timeout exception.
If we call the cn.synchronzie method in another thread, the client will not wait for so long.

### History

**#1 - 2016-12-01 17:50 - Jing Tao**

Chris just mentioned that the mn.update method has the same issue. So we should check every methods there.

**#2 - 2016-12-01 23:50 - Dave Vieglais**

*- Target version changed from CCI-2.3.1 to CCI-2.3.2*

Moving to 2.3.2 - less urgent than a couple other fixes.

**#3 - 2016-12-13 22:47 - Jing Tao**

*- Status changed from New to Closed*

*- Target version changed from CCI-2.3.2 to CCI-2.3.1*

*- % Done changed from 0 to 100*

I double-checked the mn.update method and couldn't find the cn.sync method was called there. So I added some performance statement to help identify the issue.

**#4 - 2017-01-30 21:19 - Jing Tao**

*- Category set to Metacat*