

## Java Client - Bug #7826

### libclient\_java susceptible to hangs due to network issues

2016-06-07 20:44 - Rob Nahf

<b>Status:</b>	Closed	<b>Start date:</b>	2016-06-07
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Rob Nahf	<b>% Done:</b>	100%
<b>Category:</b>	d1_libclient_java	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Story Points:</b>			
<b>Description</b>			
<p>in DEV, Jenkins has experienced several hangs due to what is thought to be a switch problem with the network that <a href="https://flynn-gmn-2.test.dataone.org/mn">https://flynn-gmn-2.test.dataone.org/mn</a> is on. The effect is connections hanging for days. It is possible that either timeouts are not reached, or deadlocks in the connection pool are occurring.</p> <p>The tests were using trunk/d1_integration with libclient dependency of 2.1.0-SNAPSHOT, which is an older trunk version that appears to still be building...</p> <p>There are new connection management improvements in libclient 2.2.0-SNAPSHOT that may have solved it, but have not been tested.</p>			
<b>Subtasks:</b>			
Task # 7827: update libclient dependency in d1_integration trunk			<b>Closed</b>

#### Associated revisions

##### Revision 18050 - 2016-06-07 22:14 - Rob Nahf

refs: #7826. Updated the libclient dependency to get latest connection management improvements. refactored isNodeAlive methods to use a hard timeout on the request. Added a TestNodeCache to keep track of information about Nodes that can be reused for tests (the procure methods in CATCd1)

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#### History

##### #1 - 2016-06-07 20:47 - Rob Nahf

- Description updated

##### #2 - 2017-03-28 18:07 - Rob Nahf

- Status changed from In Progress to Closed

- % Done changed from 30 to 100