

## Infrastructure - Task #7463

Bug # 7462 (Closed): integration tests are getting frequent read timeouts

### configure the HttpClient to allow more parallel connections

2015-11-02 18:33 - Rob Nahf

<b>Status:</b>	Closed	<b>Start date:</b>	2015-11-02
<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>	CCI-2.0.3	<b>Story Points:</b>	
<b>Milestone:</b>	None		
<b>Product Version:</b>	*		
<b>Description</b>			
The PoolingConnectionManager defaults to 2 connections per route (server) and 20 total, and this is considered too restrictive by today's standards. (2 per server was in the rfc2616 spec, but was later dropped). Up the default to be congruent with current browsers.			

#### Associated revisions

##### Revision 16792 - 2015-11-02 18:37 - Rob Nahf

refs #7462, #7463: Increased the maximum number of parallel connections to a server from 2 to 8.

##### Revision 16792 - 2015-11-02 18:37 - Rob Nahf

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#### History

##### #1 - 2015-11-02 18:36 - Rob Nahf

modified HttpUtils, which creates the HttpClients for libclient. Not sure if we need to allow even further customization. An explanation on the optimal number has to do with network congestion if more connections are allowed per server. That's to say, it is unlikely that the number of connection per server will increase over time.

- <http://www.browserscope.org/?category=network>
- <http://www.stevesouders.com/blog/2008/03/20/roundup-on-parallel-connections/#comment-3197>

##### #2 - 2015-11-03 17:31 - Rob Nahf

- Status changed from In Progress to Testing

- % Done changed from 30 to 50

##### #3 - 2016-01-05 19:16 - Rob Nahf

- Status changed from Testing to Closed

- % Done changed from 50 to 100

- translation missing: en.field\_remaining\_hours set to 0.0

deployed to staging and production without incident.