

Infrastructure - Task #2491

Task # 2490 (Closed): ReplicationManagers on 3 CNs should only create one task per replica node

Evaluate ReplicationManager.createAndQueueTasks() for locking problems

2012-03-15 00:35 - Chris Jones

Status:	Closed	Start date:	2012-03-15
Priority:	Normal	Due date:	
Assignee:	Chris Jones	% Done:	100%
Category:	d1_replication	Estimated time:	0.00 hour
Target version:	Sprint-2012.11-Block.2.2	Story Points:	
Milestone:	CCI-1.0.0		
Product Version:	*		
Description			
Multiple MNReplicationTasks are being created for a single identifier and target replica node. Only one should be created. Review the locking code across the ReplicationManager instances to be sure that, although they all eventually get the lock, only one should create the task.			

History

#1 - 2012-03-19 15:03 - Chris Jones

- Status changed from New to Closed

ReplicationEventListener.entryAddedUpdated was queueing events and releasing the lock before the timeout on the other CNs (to do the same). I reduced the timeouts to 10 ms, seeing that most queing took around 50 ms. This should keep only one CN queueing the event.