

## Infrastructure - Story #8036

### synchronization should respond to various MN down conditions to avoid syncFailures

2017-03-03 17:30 - Rob Nahf

<b>Status:</b>	New	<b>Start date:</b>	2017-03-03
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Rob Nahf	<b>% Done:</b>	0%
<b>Category:</b>	d1_synchronization	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	CCI-2.4.0		
<b>Story Points:</b>			

#### Description

Currently, synchronization *does* heed the Node.status='DOWN' in harvesting, but this is limited, especially when there are long delays between harvest and processing. tDAR uses HTTP 502 / 503 responses (not sure which) to signal that the node is temporarily down, for example. Also, for network segregation events, where a node cannot even be reached, synchronization should halt processing - the member node cannot even be notified of sync failures in these situations.

Thoughts on implementation would be adding Observer pattern to libclient (and/or NodeComms in synchronization) so the task can be tried again at a later time. Also try to read the Retry-After header with 503 responses.

#### History

**#1 - 2018-01-17 18:54 - Dave Viegla**

- Sprint set to Infrastructure backlog

**#2 - 2018-01-17 18:55 - Rob Nahf**

thoughts include having the CN setting and checking down status for a node when it encounters down or other non-connectivity situations