

CN REST - Task #8778

Story # 8756 (New): Ensure replica auditor is effective

Ensure SystemMetadata replica auditing updates are saved and broadcast

2019-03-12 16:54 - Chris Jones

Status:	New	Start date:	2019-03-12
Priority:	Normal	Due date:	
Assignee:	Chris Jones	% Done:	0%
Category:	d1_replication_auditor	Estimated time:	0.00 hour
Target version:			
Story Points:			
Description In MNAuditTask.call(), we process a batch of pids in need of auditing per Member Node. For each pid in the auditPIDs list, we call MN.getChecksum(). Regardless of success or failure, we set the Replica.replicaVerified date in the SystemMetadata. However, the task has a copy of the system metadata from hzSystemMetadata.get(), and the task doesn't subsequently call hzSystemMetadata.put(pid, sysmeta). This means that while we are auditing content, we may just not be recording the results! I need to look at the code more to see if we make an API call to CN.updateSystemMetadata() elsewhere, but I would expect theMNAuditTask to do this. Also, if this happens in the task, we also need to broadcast the system metadata change to the authoritative MN and all replica MNS. Lastly, we need to update the serialVersion field to show the other CNs what the most recent replica list is.			