

## Infrastructure - Bug #7919

### unloadable system metadata in CNs by Hazelcast

2016-10-26 16:22 - Rob Nahf

<b>Status:</b>	New	<b>Start date:</b>	2016-10-26
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Metacat	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	CCI-2.4.0	<b>Story Points:</b>	
<b>Milestone:</b>	None		
<b>Product Version:</b>	*		
<b>Description</b>			
<p>Looking through the metacat logs, I found a lot of instances where the HzSystemMetadataMap could not load system metadata for particular pids. Most had dryad in the pid (~1200), but another 130 are from elsewhere.</p> <p>a random sample showed that it couldn't be retrieved via /meta although the pid could be retrieved from the Dryad MN.</p> <p>This appears to be another type of half-created content on the CN.</p> <pre>rnahf@cn-ucsb-1:~\$ grep 'could not load system metadata' /var/metacat/logs/metacat.log   cut -c60-   sort   uniq   grep -v dryad   wc -l 139 rnahf@cn-ucsb-1:~\$ grep 'could not load system metadata' /var/metacat/logs/metacat.log   cut -c60-   sort   uniq   grep dryad   wc -l 1216</pre>			

#### History

##### #1 - 2016-11-01 19:30 - Dave Vieglais

Ran a quick check of identifier consistency across CNs for urn:nodeDRYAD using [https://github.com/DataONEorg/DataONE\\_Operations/blob/master/scripts/d1getpids](https://github.com/DataONEorg/DataONE_Operations/blob/master/scripts/d1getpids)

Found 0/108053 identifiers in cn-ucsb-1.dataone.org not in cn-ucsb-1.dataone.org  
Found 1023/108053 identifiers in cn-ucsb-1.dataone.org not in cn-unm-1.dataone.org  
Found 1027/108053 identifiers in cn-ucsb-1.dataone.org not in cn-orc-1.dataone.org  
Found 0/107030 identifiers in cn-unm-1.dataone.org not in cn-ucsb-1.dataone.org  
Found 0/107030 identifiers in cn-unm-1.dataone.org not in cn-unm-1.dataone.org  
Found 4/107030 identifiers in cn-unm-1.dataone.org not in cn-orc-1.dataone.org  
Found 0/107026 identifiers in cn-orc-1.dataone.org not in cn-ucsb-1.dataone.org  
Found 0/107026 identifiers in cn-orc-1.dataone.org not in cn-unm-1.dataone.org  
Found 0/107026 identifiers in cn-orc-1.dataone.org not in cn-orc-1.dataone.org

Document comparison

Found 0/108053 filenames listed by cn-ucsb-1.dataone.org but not present on filesystem  
Found 28/107030 filenames listed by cn-unm-1.dataone.org but not present on filesystem  
Found 30/107026 filenames listed by cn-orc-1.dataone.org but not present on filesystem