

Infrastructure - Story #8204

Adjust memory allocation for services running under JVM on CNs

2017-10-24 15:29 - Dave Vieglaiss

<b>Status:</b>	New	<b>Start date:</b>	2017-10-24
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Story Points:</b>			
<b>Description</b> Most services on CNs run in JVM instances, each with separate restrictions on memory use.  Current configurations were mostly based on defaults and have not changed much despite significantly higher memory use for systems such as Solr and Hazelcast.  The goal of this story is to evaluate the memory configuration of each JVM instance on the CNs and tune as necessary with the primary goal of avoiding out of memory errors, secondary goal is improving performance.  Note that with increased heap allocation, garbage collection may become a significant bottleneck, with application freeze in the order of several minutes possible or likely with higher heap allocations (e.g. 16GB)			
<b>Subtasks:</b> Task # 8205: Adjust memory allocation to Tomcat7 on CNs Task # 8206: Review and adjust memory allocation to Solr and zookeeper Story # 8207: review and adjust memory allocated to d1-processing Story # 8208: Review and adjust memory allocated to d1-index-task-generator and d1-inde...			
<b>Related issues:</b> Blocked by Infrastructure - Story #8199: Increase memory allocation to CNs			
		Closed	2017-10-24

History

- #1 - 2017-10-24 15:30 - Dave Vieglaiss
- Blocked by Story #8199: Increase memory allocation to CNs added
- #2 - 2017-12-26 18:10 - Dave Vieglaiss
- Sprint set to Infrastructure backlog