Infrastructure - Task #8205

Story # 8204 (New): Adjust memory allocation for services running under JVM on CNs

Adjust memory allocation to Tomcat7 on CNs

2017-10-24 15:33 - Dave Vieglais

Status:	New		**Start date:**	2017-10-24
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:				
Milestone:	None		**Story Points:**	
Product Version:	*			

Description

Heap allocated to Tomcat7 on the CNs is currently configured for 12GB.

With the large number of System Metadata entries being stored in Hazelcast, we are starting to see issues of out of memory exceptions that seem to be triggered during periods of high activity.

Once the VM memory allocation has been increased, the maximum heap size allocation for Tomcat should be increased to 24GB.

Note: A likely consequence of this will be extended periods of GC activity, so this needs to be carefully evaluated before deploying to production CNs, otherwise delays of potentially minutes long may occur during GC.