2024-04-24 Meeting notes

Date

10 May 2023

Attendees

- Safran, Tracy (NIH/NCI) [C]

Goals

Discussion items

Time	Item	Who	Notes
	Java 17		- Migration to Java 17 - Tomcat 9 on Dev - Working on config - Jenkins jobs created - to be tested this afternoon - On Dev - none of the configuration done - catalina.properties - setenv.sh present - Will work on services one at a time on Dev and QA - Will send to new Stage and Prod - Will cutover when all finished - NCItbrowser first - Some of the value set files seem to want to live on local machine - compiledVSDefinitions? - Do code review to determine where dependencies lie - create Jira item ☑ Create Jira item to do compiledVSDefinition files analysis and elimination
	CTS2		- Chasing ehcache temp bean jar creation - Normal behavior, but all files should be deleted when application shuts down/restarted - Claims files cant be used or processed - loading files fails. - Kicks off at same time as commonValueSetsUtils. Does a hash of all value sets - ehcache updated as part of Spring 5 update - Heap Dump file might be useful during startup to see what is being loaded onto stack - onchange() no longer hooked up for managing process, since no longer loading during serving - Could be adding a lot of pressure on environment to build it all during startup - Could new OS be handling the stacks differently? - Corretto - outside chance this is an issue, but we think it not likely ☑ Try to get a Heap dump on Dev/ maybe on local ☐ Requested Virtual VM - doesn't come automatially with Corretto ☐ Need to manage users to use x-forwarding ☐ Examine what has changed in ehcache with Spring 5
	Email/Contact Us		- Working on eliminating Contact Us form - Request for Stage
	Production NCI Terms		- Still multiple issues on Prod - Scott creating Jira issues as items identified - L3cache issues? Possibly filling up and not allowing processing by cores - Dev has larger cache and more CPUs - Possible security solution - throttle IPs that are overworking CPU - L5 load balancer ☐ Tracy to follow up with Security team/systems - again

	System migration		- Prod completed testing - Stage 2 - can we ask for top access to this? - DataQA after Prod - database on machine - migrate first? - Test performance of old loaders vs new database. - Other apps follow DB - determine if needs to be co-located - Does script need to be updated? - List of EVS URLs ☐ Check with systems - See if we can test prod2 data deployment ☐ Start process for migrating DataQA to new server - Tracy
	SumoLogic to DataDog		- All running - some processing being tweaked - EVS_Explore and EVS_RestAPI not reporting all fields - Download site not yet reporting all sub directories
	Tier changes		Dev and QA not sync'd for 6 months. Will look at updating next month.
	DataQA old JVM		Brandon Devarra scanned DataQA and found it on Oracle Java 8. Has it drifted from Prod? **-- 189356 (1) - OpenJDK 8 <= 8u392 / 11.0.0 <= 11.0.21 / 17.0.0 <= 17.0.9 / 21.0.0 <= 21.0.1 Multiple Vulnerabilities (2024-01-16** Path : /usr/local/jdk1.8/ Installed version : 8.0.391 Fixed version : Upgrade to a version greater than 8u392 ☐ $PATH on devvm points to Oracle jdk. Should be Corretto

Action items

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