

2019-07-24 AAI Meeting Notes

File	Modified
Multimedia File Recorded Session - 2019-07-17.mp4	Jul 17, 2019 by Shirley Morgan
Multimedia File Recorded Session - 2019-06-19.mp4	Jul 17, 2019 by Shirley Morgan
Multimedia File Recorded Session - 2019-06-05.mp4	Jul 17, 2019 by Shirley Morgan
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Multimedia File Recorded Session - 2019-07-24.mp4	Jul 25, 2019 by James Forsyth

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Attendees:

[James Forsyth](#)

[William LaMont](#)

[Keong Lim](#)

[Ondrej Frindrich](#)

[Benjamin Cheung](#)

[Manisha Aggarwal](#)

[Venkata Harish Kajur](#)

[Hitesh Vaghani](#)

[Francis Paquette](#)

[Kuldeep Negi](#)

[Shirley Morgan](#)

START RECORDING

1	Why is the resources pod trying to clone aai-config?	James Forsyth Reshmasree c	AAI-resources(Dublin) pod not running? Keong Lim and Brian Freeman have both responded on mailing list, we need more info to be able to troubleshoot this, it seems like its referencing repos that have not been in use Release 1 (Amsterdam) in Oct 2017.
2	Janusgraph 0.2.3	James Forsyth	 AAI-2420 - Upgrade to newer JanusGraph CLOSED James Forsyth is going to merge updates to JanusGraph, 0.2.0 0.2.3 in master, should be a drop in replacement.
3	Performance Issue	James Forsyth	Brian Freeman reported that when there are ~2400 vservers returned in a closed loop custom query, AAI takes minutes to respond. We've discussed paging previously, any other ways to optimize this? PUT 'https://aai.onap:8443/aai/v16/query?format=resource' { "query": "query/closed-loop", "start": "/cloud-infrastructure/cloud-regions/cloud-region/CloudOwner/RegionOne/tenants/tenant/28481f6939614cfd83e6767a0e039bcc/vservers/vserver/6ad9eb6b-d7fc-46d6-8617-4c9b46e7308b" }
4	Spring Boot 2	James Forsyth	 AAI-2111 - Upgrade to spring boot 2 (Set 1) CLOSED aai-common:1.5.2 (not released yet) will be the el-alto library for springboot 1.5.x microservices. There needs to be some urgency to migrate the microservices to spring boot 2, since 1.5.3+ will not be backward compatible and so dependent applications might not have security updates if they stay on 1.5.2. 1.6.0 (Frankfort, currently master branch) aai-common will be springboot 2 so microservices must be updated by Frankfurt. Springboot 1.5.21 is the latest (and last) version in the 1.5.x spring boot train.
5	Upcoming R6 Functional Requirements	Benjamin Cheung	Release 6 (Frankfurt) proposed use cases and functional requirements Use Case Realization Call: July 24, 2019

6	Round trip reverse engineering of the AAI data model	James Forsyth Keong Lim William LaMont	☐ We provided a parseable JSON schema. Team wants follow up meeting, James Forsyth will set it up.
7	Alpine images	Dmitrii Puzikov	Jenkins jobs needed to create / push the common alpine image that the AAI containers will use, still need this completed before we merge the outstanding commits.
8	Microservices enabled by default in aai /oom	James Forsyth	The ones in bold will be turned "off" by default: aai-babel <i>aai-elasticsearch</i> aai-modelloader <i>aai-search-data</i> aai-traversal aai-champ aai-gizmo aai-resources <i>aai-sparky-be</i> <i>aai-data-router</i> aai-graphadmin aai-schema-service aai-spike We will add release note about how to turn off the ones in italics for users that want a true minimum set without the UI ☒ AAI-2548 - Update AAI helm charts to remove champ, gizmo, and spike charts from the default set CLOSED ☒ AAI-2549 - Add release note about disabling the UI microservices from helm chart CLOSED
9	Global JJB Status	James Forsyth Francis Paquette	Global JJB transition Complete!
10	Vetting DSL Queries	Manisha Aggarwal William Reehil	Will discuss strategies AAI will employ to protect itself from rogue queries.
11	AAI History	Philip Blackwood	Discuss and review Scenarios for using historical inventory and topology
12	Casablanca to Dublin Migration	Ankit Bhatt	3rd July: raised AAI-2587 - Re-fix EdgeRules in v15 and v16 for CCVPN CLOSED based on Ankit's analysis that found the change in EdgeRules.
13	Build styles	James Forsyth	We have too many ways to build and deploy artifacts, which makes it difficult and time-consuming. Some of our artifacts are not backward compatible and we need to move everything up to released versions.
14	Alternative meeting system		Just in case Zoom problems continue, try this instead: https://meet.jit.si/onapaai
15	New UI Features / Historical Tracking	William Reehil Manisha Aggarwal	The AT&T team has done an exciting POC at a sprint-a-thon event that they would like to share with the community. ATT wants to contribute additional UI views to ONAP, want to discuss path forward
16	New support ticketing for LF	James Forsyth	support.linuxfoundation.org
17	Dublin Issue	Reneal Rogers	sparky-be expired certificate - status ☐ James Forsyth will add note to known issues using info provided by Reneal Rogers and Francis Paquette and make sure dublin docs branch is synced. ☒ AAI-2489 - Update sparky AAF certificate CLOSED DOC-486 - Dublin release notes on readthedocs is not updated to latest version for dublin CLOSED - opened because the docs are not syncing even though dublin matches master ☐ Francis Paquette will work AAI-2490 - [sparky-be] Update certificate for EI Alto CLOSED
18	Dublin Issue		PORTAL-596 - Portal can't launch AAI - url uses fqdn that does not match ssl certificate allowed names CLOSED - In future, AAI team needs to open Jira bugs against systems that are misconfigured or missing data when we become aware of the issue.

19	Global JJB	James Forsyth	Sonatype's maven-staging-plugin will be disabled and we need to implement new LF jenkins jobs before mid-July global-jjb Migration Tracker Repos and do they use oparent: <table><tr><td>./model-loader/pom.xml</td><td>true</td></tr><tr><td>./graphgraph/pom.xml</td><td>false</td></tr><tr><td>./graphadmin/pom.xml</td><td>true</td></tr><tr><td>./esr-server/pom.xml</td><td>true</td></tr><tr><td>./sparky-be/pom.xml</td><td>true</td></tr><tr><td>./rest-client/pom.xml</td><td>true</td></tr><tr><td>./aai-common/pom.xml</td><td>true</td></tr><tr><td>./data-router/pom.xml</td><td>false</td></tr><tr><td>./chameleon/pom.xml</td><td>false</td></tr><tr><td>./sparky-fe/pom.xml</td><td>false</td></tr><tr><td>./event-client/pom.xml</td><td>true</td></tr><tr><td>./gallifrey/pom.xml</td><td>false</td></tr><tr><td>./resources/pom.xml</td><td>true</td></tr><tr><td>./router-core/pom.xml</td><td>true</td></tr><tr><td>./gizmo/pom.xml</td><td>true</td></tr><tr><td>./logging-service/pom.xml</td><td>true</td></tr><tr><td>./babel/pom.xml</td><td>true</td></tr><tr><td>./champ/pom.xml</td><td>true</td></tr><tr><td>./traversal/pom.xml</td><td>true</td></tr><tr><td>./spike/pom.xml</td><td>true</td></tr><tr><td>./esr-gui/pom.xml</td><td>true</td></tr><tr><td>./search-data-service/pom.xml</td><td>false</td></tr><tr><td>./cacher/pom.xml</td><td>true</td></tr><tr><td>./schema-service/pom.xml</td><td>true</td></tr><tr><td>./validation/pom.xml</td><td>true</td></tr></table>	./model-loader/pom.xml	true	./graphgraph/pom.xml	false	./graphadmin/pom.xml	true	./esr-server/pom.xml	true	./sparky-be/pom.xml	true	./rest-client/pom.xml	true	./aai-common/pom.xml	true	./data-router/pom.xml	false	./chameleon/pom.xml	false	./sparky-fe/pom.xml	false	./event-client/pom.xml	true	./gallifrey/pom.xml	false	./resources/pom.xml	true	./router-core/pom.xml	true	./gizmo/pom.xml	true	./logging-service/pom.xml	true	./babel/pom.xml	true	./champ/pom.xml	true	./traversal/pom.xml	true	./spike/pom.xml	true	./esr-gui/pom.xml	true	./search-data-service/pom.xml	false	./cacher/pom.xml	true	./schema-service/pom.xml	true	./validation/pom.xml	true
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20	Dublin Blockers	James Forsyth	AAI-2406 Babel fails to parse vCPE rescust service model CLOSED AAI-2411 Portal Pairwise testing: A&AI Redirect URL is incorrect CLOSED AAI-2402 Upgrade Tosca Parser to v1.5.1 CLOSED																																																		
21	Ei Alto Review	James Forsyth	JIRA Epic/Story count: 27 issues																																																		
22	Ei Alto Status	James Forsyth	- No 2 way TLS in Dublin; James Forsyth will socialize early in Ei Alto, Due 03 Jun 2019 - pnf-id change pushed to Ei Alto during Architecture review AAI R4 Architecture Review - 5 Mar 2019 - API version update for Ei Alto should be co-ordinated for earlier in the cycle - needs a checklist of things to be updated, including yang classes AAI-2351 Cannot import V16 of Aai Schema Yang classes CLOSED																																																		
23	Selenium Tests in Sparky	Arul Nambi	Want to share in the community potential selenium changes for the sparky UI (bumped up, is it still relevant?)																																																		
24	AAI achitecture documentation	Taranjit Singh	Understanding the architecture of AAI is not easy - hard to understand how the code is laid out and how things flow. Need documentation which will describe how the microservices are connected, which repos support which functions, etc. Pavel Paroulek says that he had to reverse engineer the dependencies to see how the repos are connected. Recommended to focus on the resources repo for understanding the core function of AAI. (bumped up, is it still relevant?)																																																		
25	Run AAI containers as non-root user	James Forsyth	https://wiki.onap.org/display/DW/Best+Practices - The Docker and Kubernetes engines may run as root until such time as the products support non-root execution. - Applications may run as root within a container. - The process ID of a container must not run as the root ID with the exception of containers supporting ONAP features that require the container to run as the root ID. - Containers may run with root privileges. - Project containers that run as the root ID must document this in the release notes along with the functionality that requires the container to run as the root ID. AAI-2372 Change to use non-root user for containers CLOSED																																																		
26	Container Images	James Forsyth	Container Image Minimization Guidelines James Forsyth will ask integration team if we can use the AAI tenant space in windriver environment																																																		
27	Bug Review		JIRA Issue Count (in AAI project): 22 issues JIRA Issue Count (talking about AAI): 25 issues																																																		
28	Dublin branching	James Forsyth	Dublin artifacts are released and jib jobs are updated to drop casablanca jobs and replace with dublin We will change the sonar and clm jobs to use the dublin branch James Forsyth will see how other teams manage merging release bug/security/late feature change back to master																																																		
29	Gerrit Review		https://gerrit.onap.org/r/#/q/projects:aai																																																		
30	Sonar Review		https://sonar.onap.org/projects?search=aai&sort=coverage																																																		
31	Jenkins CLM Review		https://jenkins.onap.org/view/CLM/																																																		
32	Status of ARC documentation	Pavel Paroulek	When is this going to be finished ARC AAI Component Description - Dublin ? Note: I have no idea what it is, I just was asked to inquire																																																		
33	Dublin Status 1	James Forsyth	- Encourage our clients to migrate off named query - Trying for Silver badge and Level 2 on Security; 50% code coverage on repos - Resiliency and fault tolerance; meeting notice never published, - CSIT on OOM needs to cover more of the services																																																		

34	Dublin Status 3	James Forsyth	- Volumed run-time generated certificates are possible ☐ James Forsyth will open Jira tickets to update the keystores in the master branches of the mS that use https ☐ Arul Nambi will do sparky-be, search-data-service, data-router, logging-service, router-core - GraphGraph is coming, depends on expanding schema-service API - RestClient updates are potentially being contributed by community members
35	Code Coverage Status	James Forsyth	code coverage to 55% for Dublin ☒ AAI-2219 - [champ] Increase code coverage to 55% for Dublin CLOSED Champ slipped below 55% with latest commit. ☐ Tian Lee will do babel, model-loader, champ, gizmo, event-client, spike, rest-client, validation ☒ Arul Nambi will do sparky-be, search-data-service, data-router, logging-service, router-core ☐ James Forsyth create ticket for El Alto for sparky, rolling back because of sonar failure ☒ Venkata Harish Kajur will check aai-common, resources, traversal, graphadmin, cachier, schema-service (which probably already have the setting) ☐ Add thresholds to all repos that are above 55% so it doesn't happen again ☐ For setting the threshold on each repo, set it to the current percentage, so if it's is at 62.7%, set the threshold to 0.62 ☐ <jacoco.line.coverage.limit>0.68</jacoco.line.coverage.limit> Sonar job for Dublin has been changed to using line coverage. <pre> <execution> <id>default-check</id> <goals> <goal>check</goal> </goals> <configuration> <dataFile>\${project.build.directory}/coverage-reports /jacoco.exec</dataFile> <rules> <!-- implementation is needed only for Maven 2 --> <rule implementation="org.jacoco.maven. RuleConfiguration"> <element>BUNDLE</element> <limits> <limit implementation="org.jacoco.report. check.Limit"> <counter>LINE</counter> <value>COVEREDRATIO</value> <minimum>\${jacoco.line.coverage.limit}< /minimum> </limit> </limits> </rule> </rules> </configuration> </execution> </pre>
36			

Open Action Items

New Action items

James Forsyth - schedule follow-up session of aai-swagger