

# 2020-08-05 AAI Meeting Notes

Attachments (including meeting recording): [20200805 AAI Weekly Meeting.mp4](#)

## Attendees:

[William Reehil](#)

[Igor Dysko](#)

[Neil Derrough](#)

[Venkata Harish Kajur](#)

[rodrigo lima](#)

[Vlastimil Starec](#)

## Agenda Items:

[Igor Dysko](#) asked about a use case and the least amount of mS to support it for aai (resources, traversal, graphadmin, schema-service, cassandra backend)

[Neil Derrough](#) asked about contributing a dupe issue fix in Frankfurt on a single instance

Is there any other window for a maintenance release on the Frankfurt branch? [William Reehil](#) to ask on PTL call




[Neil Derrough](#) asked about automated load testing in the pipeline, we do not have this currently. We do have some extensive testing internally to AT&T, but have not had the resources to deliver it to ONAP (load testing with gatling, functional testing with robot)

Status	OPEN	IN PROGRESS	ON HOLD	DONE	CANCELLED
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### START RECORDING

1	AAI CNF Modeling	OPEN	<a href="#">AAI</a> link to the AAI weekly CNF call. This team will be doing modeling work to decide how CNFs will be modelled in AAI
2	aai/oom chart		Currently AAI manages our own helm chart as a submodule of oom, at Frankfurt release sign-off, the oom team will pull the aai charts back into the main repo. We will still have /oom repo in case a patch is needed for elalto or frankfurt.  Jimmy contacted Sylvain on this topic, requesting they (oom team) handle this work and we support, awaiting response.
3	Guilin requirements	OPEN	<a href="#">AAI R7 Guilin Release: TSC must have requirements</a> <a href="#">AAI R7 Guilin Release: Functional Use Cases</a>

4	Requirements for inclusion of GraphGraph in GUI release	OPEN	<div>List goes here</div> <div>Open Jira tickets as tasks for G release</div> <div><div><input checked="" type="checkbox"/> <a href="#">AAI-2940</a> - Add graphgraph sonar job to ci-management</div><div>CLOSED</div></div> <div><div><input checked="" type="checkbox"/> <a href="#">AAI-2944</a> - Add graphgraph CLM job to ci-management</div><div>CLOSED</div></div> <div><div><input checked="" type="checkbox"/> <a href="#">AAI-2942</a> - Release a valid graphgraph artifact</div><div>OPEN</div></div> <div><div><input checked="" type="checkbox"/> <a href="#">AAI-2943</a> - Add GraphGraph to OOM</div><div>CLOSED</div></div>																				
5	Document AAI repo and microservice descriptions	OPEN	<div>Put the link here for the document; we will share with the community and solicit feedback from repo/mS owners about the document.</div> <div><div><input checked="" type="checkbox"/> <a href="#">AAI-2924</a> - Create a component diagram for AAI project</div><div>CLOSED</div></div>																				
6	Frankfurt Defects		<table><thead><tr><th>Key</th><th>Summary</th><th>T</th><th>Created</th><th>Updated</th><th>Due</th><th>Assignee</th><th>Reporter</th><th>P</th><th>Status</th></tr></thead><tbody><tr><td>AAI-3100</td><td>AAI REST API concurrency bug</td><td></td><td>Jul 30, 2020</td><td>Aug 05, 2020</td><td></td><td>Unassigned</td><td>None</td><td></td><td><div>OPEN</div></td></tr></tbody></table> <div>1 issue</div>	Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	AAI-3100	AAI REST API concurrency bug		Jul 30, 2020	Aug 05, 2020		Unassigned	None		<div>OPEN</div>
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AAI-3100	AAI REST API concurrency bug		Jul 30, 2020	Aug 05, 2020		Unassigned	None		<div>OPEN</div>														
7	SOTN Issues case	<a href="#">Shanthi VH</a>	<a href="https://gerrit.onap.org/r/c/aaai/schema-service/+/102298">https://gerrit.onap.org/r/c/aaai/schema-service/+/102298</a>																				
8	Security Requirements for pods	<a href="#">James Forsyth</a>	<div><div> <a href="#">REQ-215</a> - Containers configured per secure recommendation</div><div>TO DO</div></div>																				
9	Onrej Frinrich	OPEN	<div>Graphgraph not included in OOM deployment. How can we make it an essential part of the ONAP deployment.</div> <div>Step 0: Make it stable. Fix the docker build Jenkins jobs for graphgraph, may need to upgrade to a version of npm to be acceptable to graphgraph. Needs to fit into the LF glob</div>																				

10	Br o w n f i e l d / d e p l o y e d / e m b e d d e d i n v e n t o r y s y s t e m s a n d A A I	Fr e d f r o m V e r i z o n	OPEN	<p>How do we accelerate migration using A&amp;I and the RunTime DB solution</p> <p><b>Proposed a topic to be explored by AI&amp;I and other ONAP WGs.</b></p> <p><b>High impact, common interest among most CSPs</b></p> <p><b>Status Quo:</b></p> <p><b>Most operators have multiple, siloed, possibly overlapping topology and inventory (domain specific) databases</b></p> <p><b>Goal is to integrate ALL Inventory, and Topology databases into a Unified AI&amp;I Architecture modeled DB which would contain ALL VNFs (VMs/Containers), PNFs, pl expansion for future Inventory &amp; Topology constructs/technologies.</b></p> <p><b>May take considerable time/investment (both are short).</b></p> <p><b>Targeted Objectives</b></p> <ul style="list-style-type: none"> <li>• Fast integration/consolidation time</li> <li>• Minimize impact to business systems during migration</li> <li>• Reduce throw away code</li> <li>• Reduce throw away integration work</li> <li>• Improve Service/Resource LCM &amp; SA, especially for 5G</li> </ul> <p><b>How to accelerate the migration to Unified Database?</b></p> <ul style="list-style-type: none"> <li>• <i>Phased Externalization</i> of key PNF/VNF/CNF attributes currently stored in multiple inventory and topology silos.</li> <li>• Simplify the eventual consolidation of Inventory and Topology DBs using proposed automation tools and advanced discovery capabilities supporting the ab</li> <li>• Leverage AI&amp;I and possibly the ONAP Runtime Config DB and other ONAP WGs to help solve the problem</li> <li>• Proposed topic can be explored by the AI&amp;I and other ONAP WGs.</li> <li>• <i>Need to expand this preliminary list</i></li> </ul>
11	Lo o k i n g f o r v o l u n t e e r t o f i x p a p y r u s i s s u e		OPEN	<p> <a href="#">AAI-3774</a> - Graphgraph cannot build Papyrus XML from v19 schema <span>CLOSED</span></p> <p>Graphgraph doesn't parse the latest AAI schema correctly. Need someone to investigate</p>
12	sp a r k y a n d d a t a - r o u t e r c e r t i f i c a t e i s s u e	Fr a n c i s P a q u e t t e	IN PROGRESS	<p>Sparky is using the AAF certificate interaction with Portal but a self-signed certificate to talk to search-data-service. The search-data-service key story was removed.</p> <p> <a href="#">AAI-2765</a> - Sparky cannot communicate with search-data-service (certificate issue) <span>CLOSED</span></p> <p> <a href="#">AAI-2766</a> - Data-Router cannot communicate with dmaap (certificate issue) <span>CLOSED</span></p>
13	C o l l a b e f f o r t s	Ja m e s F o r s y t h  Gi u l i o G r a z i a n i  K u l d e p N e g i  R a n v i j a y S i n g h	IN PROGRESS	

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Java 11

James For syth

ON HOLD

Venkata Harish Kajur tried schema service, a couple of dependency changes were required to get it to start. EclipseLink that is currently configured is incompatible.

<groupId>javax.activation</groupId>  
<artifactId>activation</artifactId>

is also incompatible

Needs more investigation for other repos

Need new common image (which Alpine image would we pick?)

15

AI Bugs

James For syth

IN PROGRESS

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
AAI-3818	Model distribution fails with model-loader 1.13.5		Apr 05, 2024	Apr 05, 2024		Fiete Ostkamp	Fiete Ostkamp	==	OPEN	Unresolved
AAI-3674	aai-graphadmin-create-db-schema job does run forever		Nov 06, 2023	Nov 06, 2023		Unassigned	Andreas Geissler	^	OPEN	Unresolved
AAI-3652	ONAP does not go up in the AKS 1.26 version		May 17, 2023	May 18, 2023		Unassigned	None	^^	OPEN	Unresolved
AAI-3507	DMAAP Events are Not Being Published from AAI-Resources		Jul 14, 2022	Sep 26, 2022		Unassigned	None	==	OPEN	Unresolved
AAI-3465	A&A! returns 404 on SO deletion of created network		Mar 24, 2022	Sep 17, 2022		Unassigned	None	==	OPEN	Unresolved
AAI-3427	Exception on sparky after back/restore operation		Dec 14, 2021	Aug 02, 2022		Unassigned	None	==	OPEN	Unresolved
AAI-3390	Enhanced AAI test failing while all pods are Running after storage backend incident		Oct 05, 2021	Sep 17, 2022		Unassigned	None	==	OPEN	Unresolved
AAI-3351	AAI won't deploy properly without AAF		Jun 14, 2021	Sep 13, 2022		Unassigned	None	==	OPEN	Unresolved
AAI-3313	aai-sparky log does not use STDOUT		Apr 08, 2021	Sep 13, 2022		Unassigned	None	==	OPEN	Unresolved
AAI-3312	aai-schema log does not use STDOUT		Apr 08, 2021	Sep 13, 2022		Unassigned	None	==	OPEN	Unresolved
AAI-3311	aai log does not use STDOUT		Apr 08, 2021	Sep 13, 2022		Unassigned	None	==	OPEN	Unresolved
AAI-3309	Events are being triggered prior to the db commit		Mar 30, 2021	Aug 16, 2023		Unassigned	None	==	OPEN	Unresolved
AAI-3292	fix CRITICAL weak-cryptography issues identified in sonarcloud		Mar 02, 2021	Nov 03, 2022		Unassigned	None	^	IN PROGRESS	Unresolved
AAI-3227	E2E integration test: Endpoint relationship creation failed		Dec 04, 2020	Dec 04, 2020	Dec 10, 2020	Unassigned	None	==	OPEN	Unresolved
AAI-3194	Some AAI dockers include GPLv3 components		Sep 25, 2020	Aug 02, 2022		Unassigned	None	==	IN PROGRESS	Unresolved
AAI-3183	Yaml Generation not being generated for parent child of same type		Sep 15, 2020	Sep 13, 2022		Unassigned	None	==	OPEN	Unresolved

				AAI-3100	AAI REST API concurrency bug		Jul 30, 2020	Aug 05, 2020	Unassigned	None	=	OPEN	Unresolve
				AAI-2899	upon deletion of tenant vservers objects under that tenant are kept but when the tenant is put back the vservers are not present under the tenant but still exist in AAI		May 07, 2020	Sep 13, 2022	Unassigned	None	=	OPEN	Unresolve
				AAI-2797	aai-schema-service doesn't use AAF		Feb 13, 2020	Jun 02, 2022	Unassigned	None	=	OPEN	Unresolve
				AAI-2398	AAI Microservices report failure in schema-service incorrectly		Apr 29, 2019	Sep 13, 2022	Unassigned	None	>	OPEN	Unresolve
				AAI-2310	AAI swagger generated API license header		Apr 03, 2019	Jun 02, 2022	Unassigned	None	>	OPEN	Unresolve
				AAI-1759	AAI model loader failed model distribution		Oct 17, 2018	Aug 12, 2023	Unassigned	None	>	REOPENED	Done
				22 issues									
16	P er fo r m an ce is sue	Ja mes For syth	OPEN	<p>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 thoughts?</p> <p>PUT 'https://aai.onap:8443/aai/v16/query?format=resource'</p> <pre>{   "query": "query/closed-loop",   "start": "/cloud-infrastructure/cloud-regions/cloud-region/CloudOwner/RegionOne/tenants/tenant/28481f6939614cfd83e6767a0e039bcc/vservers/vse46d6-8617-4c9b46e7308b" }</pre>									
17	S pring Boot 2	Ja mes For syth	IN PROGRESS	<p> <b>AAI-2444</b> - Upgrade to spring boot 2 (Set 1) <span>CLOSED</span></p> <p>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, 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 spring microservices must be updated by Frankfurt. Springboot 1.5.21 is the latest (and last) version in the 1.5.x spring boot train.</p>									
18	N ew UI Features	William Farr rell / M an isha Aggar wal	OPEN	<p>The AT&amp;T team has done an exciting POC at a sprint-a-thon event that they would like to share with the community.</p> <p>ATT wants to contribute additional UI views to ONAP, want to discuss path forward</p> <p>Link for self repo creation: <a href="https://wiki.onap.org/display/DW/Self+Repo+Creation+via+INFO.yaml">https://wiki.onap.org/display/DW/Self+Repo+Creation+via+INFO.yaml</a></p> <p>William/Jimmy will look into this for creating the new sparky extensions repository</p>									

Open Action Items

New Action items

