

2020-01-29 AAI Meeting Notes

Attachments (including meeting recording):

Attendees:

- James Forsyth
- Benjamin Cheung
- Francis Paquette
- Ondrej Frindrich
- Shashikanth VH
- Giulio Graziani
- Kuldeep Negi
- Steven Blimkie
- Ranvijay Singh
- Shirley Morgan

Status	OPEN	IN PROGRESS	ON HOLD	DONE	CANCELLED
--------	------	-------------	---------	------	-----------

START RECORDING

1	Sparky and dataset - router certificate issue	Francis Paquette	OPEN	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.
2	Collaborators	James Forsyth Giulio Graziani Kuldeep Negi Ranvijay Singh	OPEN	

3	Win driver Lab Change	James For syth	DONE	The Intel/Wind River lab was relocated into a new data center last week. The only change required to connect to the new location is to update the VPN IP in the .ovpn file. Here <pre>[sgooch@atl-sgooch-lx ~]\$ diff -u pod-onap-01.ovpn.org pod-onap-01.ovpn --- pod-onap-01.ovpn.org 2020-01-13 13:03:03.960856010 -0500 +++ pod-onap-01.ovpn 2020-01-09 18:27:03.560549576 -0500 @@ -5,7 +5,7 @@ client dev tun proto tcp -remote 192.55.48.241 443 +remote 146.152.204.133 443 resolv-retry infinite auth-nocache nobind</pre>
4	Discussion developer release call time	James For syth	OPEN	Tuesdays @ 9 AM US/Eastern, 19:30 India Standard Time
5	SO query in AAI	Shashikanth VH	IN PROGRESS	NNI Use Case - discovering 2 topologies from the network Use case is asking for the ability in AAI to link an underlay and overlay together by having a cousin relationship between 2 PNFs. Asking Chandra Cinthala to verify if that edge is the Frankfurt release. Per Chandra: "I think pnf -> pnf edge is redundant and not needed as we can traverse (thru a logical or physical interface) from pnf -> p-interface/l-interface -> pnf." ☐ Shashikanth VH will let the AAI team know if that solves the problem Chandra Cinthala please note: According to Shashikanth VH, the team requires a relationship from an overlay topology node to an underlay topology node; by using the p-inter cannot traverse to underlay node. Suggest to allow an edge for PNFPNF, which is consistent with RFC 8345 model
6	Search guard issue	Gulio Graziani	ON HOLD	Merged and released yesterday; issue is closed.  AAI-2617 - Search guard is no longer available CLOSED Tracking for Frankfurt:  AAI-2677 - Jira project doesn't exist or you don't have permission to view it. Search guard container no longer available so elasticsearch-sg won't build. Search guard allows us to secure the elastic communication, which in older versions was not available. Have support for secure communication. https://www.elastic.co/blog/dear-search-guard-users Consider opendistro as replacement for search-guard Can we consider this one: https://docs.search-guard.com/latest/search-guard-community-edition
7	E2E Network Slicing	LIME NG	DONE	For the E2E Network Slicing use case for Frankfurt Release, we intend to leverage the nested service model work that has been going on since Dublin release. From A&AI pers that the schemas would have to be enhanced to cover network slicing models. We have considered A&AI to be a stretch goal for Frankfurt, though we are committing resources start the discussion in the coming weeks, and subsequently implementation work to try our best to complete the implementation for Frankfurt. AAI-2600 has been created just to impacts, we will update it with more details, and also join the A&AI weekly call during the next 1-2 weeks to discuss further.
8	Portal SDK Upgrade	James For syth	OPEN	☒ AAI-2726 - Update to Portal SDK v2.6 CLOSED Francis Paquette need evaluation of feasibility in Frankfurt for sparky

9	Graph Image Missing in Nexus	Venkata Harish Kajur	OPEN	Graph Graph Images are missing from nexus and it needs to be resolved in order for elalto deployment to be successful. OOM-2161 How did this docker image get pushed to nexus and why was it removed from nexus? Graphgraph was removed from the default helm chart, but we still need to get these jobs fixed. ☒ James Forsyth will look at it and ask Pavel Paroulek for guidance on this - looks like some jibs are missing and configs are probably wrong, too. ☒ Ondrej Frindrich will reach out to Pavel and see if we can figure out why the build and stage jobs are failing.
10	Datarouter not starting	James Forsyth	IN PROGRESS	Assigned  AAI-2727 - aai-data-router not starting after a fresh installation CLOSED to Steven Blimkie ☒ AAI-2730 - Upversion to master staging versions in aai/oom CLOSED
11	Cassandra 3	James Forsyth Venkata Harish Kajur	DONE	SDC wants to move up to Cassandra 3 in the shared db environment. ☒ AAI-2731 - Cassandra 3 Upgrades CLOSED https://old-docs.janusgraph.org/0.3.2/version-compat.html
12	Java 11	James Forsyth	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. <pre><groupId>javax.activation</groupId> <artifactId>activation</artifactId></pre> is also incompatible Needs more investigation for other repos Need new common image (which Alpine image would we pick?)
13	AIUISue	Ranvijay Singh		
14	AICommitters			☐ James Forsyth will ask Catherine Lefèvre about the status of a committer who has left the company (Tian Lee has left Amdocs, do we revoke committer status?) Peng He is a potential committer on ESR (currently only Jimmy can commit ESR code)
15	Codestory Coverage	James Forsyth		Goal for Frankfurt is 55% AAI-Common 58.7 AAI-Champ 58.3 AAI-DataRouter 58 AAI-GraphAdmin 56.6 Schema Service 56.7 Sparky 57.3 Spike 56.3 ☒ Steven Blimkie will check with architects around the utility of champ and spike in the context of ongoing support in ONAP ☐ James Forsyth will set them to read-only (gizmo, champ, spike) and El Alto will be the final release version of those microservices ☒ AAI-2732 - Lock gizmo/champ/... ☐ James Forsyth will remove the jenkins jobs on those repos ☒ AAI-2733 - Remove jib on gizmo/champ/spike CLOSED sparky-fe ☒ AAI-2711 - Look at sparky-fe sonar report CLOSED graphgraph  AAI-2713 - Sonar coverage report for graphgraph shows up but showing 0% coverage CLOSED

16	U p c o m i n g R 6 F u n c t i o n a l R e q u i r e m e n t s	B e n j a m i n C h e u n g	IN PROGRESS Release 6 (Frankfurt) proposed use cases and functional requirements Use Case Realization Call: September 25, 2019 🔗 AAI-2600 - A&AI support of Network Slicing Demo in Frankfurt CLOSED ? Unknown Attachment We have created REQ-158 - <i>Frankfurt</i>.Reg. details of the AAI impacts, this is still being worked out, as there is an alternative proposal, and we are trying to align <i>w.r.to</i> scope & impacts. We will share more days. The overall use case will also be presented to the Architecture Sub-committee for approval (based on the f2f discussions that happened in Antwerp 2 weeks ago). for this use case. For AAI impacts, we have created AAI-2600 - <i>A&AI support of Network</i> 📌 AAI-2670 - AAI changes in support of 5G/OOF SON (PCI) CLOSED ✓ James Forsyth No status yet, will ask on UCR call today 📌 AAI-2671 - AAI changes in support of BBS CLOSED We are currently reviewing the list of items we found in the BBWF BBS testing and once we sort through them we will communicate the results back to ONAP community. Regarding AAI specifically, we do not foresee any new requirements for Frankfurt, but we would like to conclude the review first before jumping to final conclusions. 📌 AAI-2672 - AAI changes in support of HPA Continuation CLOSED ✓ James Forsyth No status yet, will ask on UCR call today. Followed up, no representation from use case. Will look for response via email. 📌 AAI-2673 - AAI changes in support of K8S Based Cloud Region Support CLOSED We are not expecting any changes at this time. Tech Mahindra is working on populating a&ai with the VNF specific information from K8S. There is a chance that we realize som schema, but we don't expect any changes to the code. 📌 AAI-2674 - AAI Changes for 3rd Party Operational Domain Manager CLOSED During run-time solution there are AAI impacts. Run-time solution is not planned for Frankfurt release. Only Import Service Catalog solution in SDC is targeted for F release. AAI Impact highlights: After Service Order decomposition in SO, CFS Service Instance details will be stored in AAI. After response from 3rd Party Domain, RFS instance details will be updated in AAI. The sequence diagram blocked URL depicts the run time view of Third Party Order Activation using the on-boarded service definition and highlights AAI impacts. ReUse in AAI: We plan to leverage the SPPartner model, created for CCVPN, to store the 3rd Party details in AAI. org.onap.aai.domain.yang.SpPartner present in aai-schema v15 ✓ James Forsyth Confirm on UCR call that this is object re-use and test only support from AAI 🔗 AAI-2623 - CCVPN: MDONS Use Case in Frankfurt CLOSED Have done some prototyping in Dublin to ingest topology from external controllers and show them in A&AI. Will need more work to act on notifications from controllers and keep 📌 AAI-2678 - 5G / Bulk PM CLOSED For the 5G Bulk PM use case in R6, I'm attaching a few slides showing how we think AAI can be used as part of the UC realization. We are currently making the following assur • PNF and VNF models contain status attribute that can indicate when a new instance has been fully instantiated (may still require update to SO workflow) • AAI will send topology event on AAI-EVENT topic when status attributes are updated Can you review the slides and the assumptions above and let us know if you see any issue. We can also setup a separate meeting if needed. Note: I will share the same slides on the SO weekly meeting today. ? Unknown Attachment Frankfurt Release Requirements ✓ James Forsyth Follow up on URC call today
----	--	--	---

AAI-3818	Model distribution fails with model-loader 1.13.5		Apr 05, 2024	Apr 05, 2024		Fiete Ostkamp	Fiete Ostkamp	=	OPEN	Unresolve
AAI-3674	aai-graphadmin-create-db-schema job does run forever		Nov 06, 2023	Nov 06, 2023		Unassigned	Andreas Geissler	^	OPEN	Unresolve
AAI-3652	ONAP does not go up in the AKS 1.26 version		May 17, 2023	May 18, 2023		Unassigned	None	^^	OPEN	Unresolve
AAI-3507	DMAAP Events are Not Being Published from AAI-Resources		Jul 14, 2022	Sep 26, 2022		Unassigned	None	=	OPEN	Unresolve
AAI-3465	A&AI returns 404 on SO deletion of created network		Mar 24, 2022	Sep 17, 2022		Unassigned	None	=	OPEN	Unresolve
AAI-3427	Exception on sparky after back/restore operation		Dec 14, 2021	Aug 02, 2022		Unassigned	None	=	OPEN	Unresolve
AAI-3390	Enhanced AAI test failing while all pods are Running after storage backend incident		Oct 05, 2021	Sep 17, 2022		Unassigned	None	=	OPEN	Unresolve
AAI-3351	AAI won't deploy properly without AAF		Jun 14, 2021	Sep 13, 2022		Unassigned	None	=	OPEN	Unresolve
AAI-3313	aai-sparky log does not use STDOUT		Apr 08, 2021	Sep 13, 2022		Unassigned	None	=	OPEN	Unresolve
AAI-3312	aai-schema log does not use STDOUT		Apr 08, 2021	Sep 13, 2022		Unassigned	None	=	OPEN	Unresolve
AAI-3311	aai log does not use STDOUT		Apr 08, 2021	Sep 13, 2022		Unassigned	None	=	OPEN	Unresolve
AAI-3309	Events are being triggered prior to the db commit		Mar 30, 2021	Aug 16, 2023		Unassigned	None	=	OPEN	Unresolve
AAI-3292	fix CRITICAL weak-cryptography issues identified in sonarcloud		Mar 02, 2021	Nov 03, 2022		Unassigned	None	^	IN PROGRESS	Unresolve
AAI-3227	E2E integration test: Endpoint relationship creation failed		Dec 04, 2020	Dec 04, 2020	Dec 10, 2020	Unassigned	None	=	OPEN	Unresolve
AAI-3194	Some AAI dockers include GPLv3 components		Sep 25, 2020	Aug 02, 2022		Unassigned	None	=	IN PROGRESS	Unresolve
AAI-3183	Yaml Generation not being generated for parent child of same type		Sep 15, 2020	Sep 13, 2022		Unassigned	None	=	OPEN	Unresolve
AAI-3100	AAI REST API concurrency bug		Jul 30, 2020	Aug 05, 2020		Unassigned	None	=	OPEN	Unresolve
AAI-2899	upon deletion of tenant vsver 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 Unresolved AAI-2398 AAI Microservices report failure in schema-service incorrectly  Apr 29, 2019 Sep 13, 2022 Unassigned None  OPEN Unresolved AAI-2310 AAI swagger generated API license header  Apr 03, 2019 Jun 02, 2022 Unassigned None  OPEN Unresolved AAI-1759 AAI model loader failed model distribution  Oct 17, 2018 Aug 12, 2023 Unassigned None  REOPENED Done
				22 issues
25	Docker images not pushing	JAMES FORTSYTH	DONE	docker pull nexus3.onap.org:10003/onap/babel:1.5.0 - 1.5.1 pushed, will be release version docker pull nexus3.onap.org:10003/onap/aai-champ:1.5.1 - 1.5-STAGING-latest available, no tagged images docker pull nexus3.onap.org:10003/onap/aai-gizmo:1.5.0 - 1.5.2 pushed, will be release version docker pull nexus3.onap.org:10003/onap/aai-data-router:1.5.0 - 1.5.1, will be release version docker pull nexus3.onap.org:10003/onap/aai-search-data-service:1.5.0 - 1.5-STAGING-latest available, no tagged images  AAI-2595 - search-data-service is not producing a docker image CLOSED docker pull nexus3.onap.org:10003/onap/elasticsearch-sg:1.5.0 - same as search data service docker pull nexus3.onap.org:10003/onap/aai-model-loader:1.5.0 - 1.5.1 will be release version docker pull nexus3.onap.org:10003/onap/aai-spike:1.5.0 - 1.5.1 will be release version docker pull nexus3.onap.org:10003/onap/aai-sparkly-be:1.5.0 - 1.5-STAGING-latest, no tagged images Want to migrate to an actively support maven docker plugin since Spotify docker plugin. Consider fabric.io - an example is aai/resources
26	Alpine images	DIMITRI POUZIKOV	DONE	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. ☒ AAI-2674 - Submit ci-management update for docker stage on common images and sparkly-fe centos issue CLOSED  AAI-2590 - Request LF release of docker images CLOSED
27	Glowroot	JAMES FORTSYTH VENKATA HARISH KAJUR	OPEN	Consider adding glow root profiling for AAI Microservices https://glowroot.org
28	Performance issues	JAMES FORTSYTH	OPEN	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? 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/vse46d6-8617-4c9b46e7308b"]
29	Spring Boot 2	JAMES FORTSYTH	IN PROGRESS	 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, be backward compatible and so dependent applications might not have security updates if they stay on 1.5.2. 1.6.0 (Frankfurt, 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.

30	V ett in g D S L Q ue ries	M an is ha A gg ar w al V illi a m R ee hil	OPEN	Will discuss strategies AAI will employ to protect itself from rogue queries.
31	N e w UI F ea tu re s / Hi st ori ca l Tr ac ki ng	W illi a m R ee hil M an is ha A gg ar w al	OPEN	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

Open Action Items

New Action items