

2018-07-18 AAI Weekly Meeting Notes

Attendees:

[Venkata Harish Kajur](#)

[Pavel Paroulek](#)

[Manisha Aggarwal](#)

[Ondrej Frindrich](#)

[William Reehil](#)

[William LaMont](#)

[Francis Paquette](#)

[Keong Lim](#)

[Aldo Artigiani Huawei](#)

[Bogumil Zebek](#)

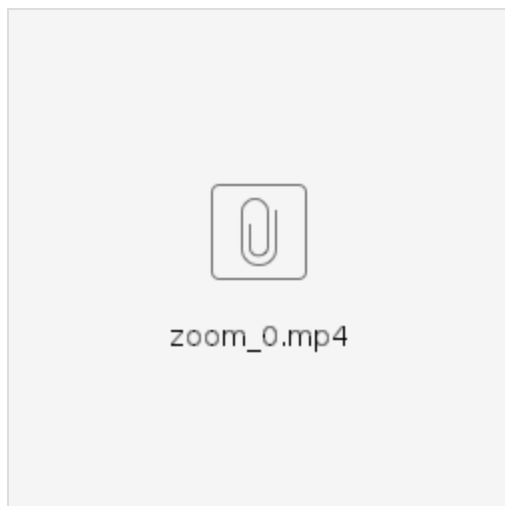
[Justyna Czeszochowska](#)

[Shirley Morgan](#)

Meeting Info Updated:

<https://zoom.us/j/168968291>

Recording:



Goals

- Upcoming milestones
- Release artifacts
- Documentation

Discussion items:

START RECORDING

AAF and TLS in Casablanca	James Forsyth	<p>The AAI team needs a strategy for integrating with AAF and AAF certificate manager, including potentially using 2-way TLS in R3.</p> <p>blocked URLAAI-32 - Integrate with AAF OPEN</p> <p>UPDATE 6 JUNE: ANDY BAXTER PROVIDED PRESENTATION</p> <p>Update 13 June: Is it necessary to encrypt services behind the reverse proxy (msb/haproxy/kubernetes ingress controller)?</p> <p>Update 11 July: Yes, it is. AAF is providing a new simplified client and new instructions for setting up AAF in the labs by the end of the week</p> <p>Currently AAI is using HTTPs w/ Basic Auth. SECCOM is recommending 2-way TLS with CADI. Jonathan Gathman will issue certificates - unsure if all devs can/should request a cert from AAF for dev/test. AAI will evaluate if the new client and documentation is adequate to build a service with AAF + 2way TLS in time to socialize it to clients - if we can't deliver a working system w/ 2 -way TLS by M3 (API Freeze) we'll continue to use Basic Auth and load the existing credentials into AAF.</p> <p>With HAPROXY, the client cert subject and issuer are placed in HTTP headers and passed along to the service. The service can send the DNs of the subject + issuer to AAF, and AAF will determine if the client is allowed to access the resource.</p> <p>Update 18 July: Documentation expected to be available next week, awaiting additional information from AAF.</p>
CCVPN Schema Changes	Keong Lim	<p>Draft AAI-CCVPN schema proposal for comment</p> <p>AAI-CCVPN Schema Proposal for Casablanca Release</p> <p>Update 18 July: Short overview provided by Keong Lim; more updates to come.</p>
GraphGraph		<p>GraphGraph is an aai schema/model visualization system for which an early prototype has been built as part of ECOMP.</p>
PTL Election	James Forsyth	<p>PTL elections can be held the week of 2 July 2018. AAI Committers are eligible to vote. PTL term is 1 year.</p> <p>Casablanca Release Developers Forum Session Proposals</p> <p>Update 11 July: James Forsyth was unopposed and has been re-elected PTL for the AAI project</p>
PTL Vacation	James Forsyth	<p>AAI PTL will be on vacation from 16 July - 27 July 2018. The AAI team will need a delegate to run the Wednesday calls during this time and attend the following calls:</p> <p>Mondays: PTL Weekly Meeting #ptl</p> <p>Thursdays: #tsc TSC Weekly Meeting</p> <p>Update 11 July: Venkata Harish Kajur will be the delegate for both 7/18 and 7/26. James Forsyth to request ONAP Meet 10 Zoom delegation for Venkata Harish Kajur</p>
R3 Casablanca Commitments	James Forsyth	<p>AAI R3 M1 Release Planning</p> <p>Update 18 July: wiki page to reflect Casablanca deliverables.</p> <p>AAI R3 M2 Deliverables for Functionality Freeze Milestone Checklist</p>
Platform Maturity Requirements for Casablanca	James Forsyth	<p>Reviewed recommendations from the ONAP F2F meeting - Jason Hunt's slides are here: Casablanca Release Developers Forum Session Proposals</p> <p>AAI R3 Platform Maturity</p>
API Versioning	James Forsyth	<p>AAI is considering the ONAP API Common Versioning Strategy (CVS) Proposal in Dublin</p> <p>blocked URLAAI-1185 - Versioning for ONAP Components with Backward Compatibility OPEN</p> <p>Christina Monteleone invited to next week's meeting to discuss the restructuring.</p> <p>Update 6 June: API Versioning has been moved to 1902 release.</p> <p>Update 18 July: Moved to Dublin release</p>
Datagrooming	Andrew Muller and Pavel Paroulek	<p>Champ is coming in Casablanca and will serve as the graph abstraction layer used by resources. Duplicates and other badness happens when multiple nodes are operating on the same objects concurrently. We need to investigate how to use potential locking features or other mechanism to prevent duplicates. Steven Blimkie will look for volunteer inside Amdocs to look for an owner of an Epic that James Forsyth will open in JIRA for Casablanca.</p> <p>The Datagrooming tool recognizes bad data like duplicates and "phantom nodes"</p> <p>Venkata Harish Kajur to create a US to document the datagrooming steps/parameters for Beijing.</p>

Casablanca	James Forsyth	<p>We'll discuss upcoming Casablanca requirements, get a brief status on the Historical Data Tracking feature.</p> <p>Update 13 June: Face-2-Face Beijing conference next week; Functional use cases (Schema enhancements), new node types, non-functional requirements and code coverage (70% - 80%) will be output from conference; Evaluate the Kubernetes Ingress Controller as replacement for HAProxy; integrating the services with AAF using Cady.</p> <p>Update 18 June: Evaluation of Ingress Controller</p> <table><tr><th>PROS</th><th>CONS</th></tr><tr><td><ul style="list-style-type: none">• helm installation with many customizable options• easy change and update of routing and config (changing a YAML file)• very low maintenance• becoming standard in kubernetes• easy to expose services outside kubernetes</td><td><ul style="list-style-type: none">• no fine-grained control over different routes within controller• might lack some configuration options in comparison with a custom proxy• TLS certificates provided through kubernetes• obviously not available in docker-only environments• current HAproxy adds 14 custom headers - need to look if controller can provide the same headers</td></tr></table> <p>Open questions:</p> <ol style="list-style-type: none">1. Do we need these custom headers in A&AI? They are used only in logging in the resources microservice, no use in code or anything (maybe I missed something?)2. Where will we use certificates (proxy/microservices/both)?3. Will we use client certificates, if yes who evaluates them (proxy/microservices)? <p>Update 18 July: Historical tracking moved to Dublin release.</p>	PROS	CONS	<ul style="list-style-type: none">• helm installation with many customizable options• easy change and update of routing and config (changing a YAML file)• very low maintenance• becoming standard in kubernetes• easy to expose services outside kubernetes	<ul style="list-style-type: none">• no fine-grained control over different routes within controller• might lack some configuration options in comparison with a custom proxy• TLS certificates provided through kubernetes• obviously not available in docker-only environments• current HAproxy adds 14 custom headers - need to look if controller can provide the same headers
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Versioning	Pavel Paroulek made a cool script to compare what's in nexus vs. what's in git - it's very cool, thanks, Pavel!
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Code Coverage Policy Enforcement	James Forsyth Venkata Harish Kajur	<p>For aai-common, resources, and traversal we've enabled jacoco threshold to make sure that code coverage doesn't fall on a commit. This will prevent users from contributing code that would negatively impact the overall code coverage on a repo. Let's discuss enabling this across the board on all AAI repos.</p> <p>Update 11 April: James Forsyth and Venkata Harish Kajur - Look at automated PoC polling script, add test coverage.</p> <p>Update 13 June: Code coverage for Casablanca expected to be 70 - 80% level.</p> <p>Update 26 June: Code coverage is set to 50% for Casablanca. Need js coverage</p> <p>Update 18 July: aai-sparkly-be showing as 49.3, team aware and working on it.</p>
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CII Badging	<p>James Forsyth</p> <p>Arul Nambi</p>	<p>Wiki page with instructions on the process: CII Badging Program</p> <p>We have two CII Badging submissions currently active on CII Best Practice Badge Program: 1) AAI and 2) Sparky-fe</p> <p>The team needs to decide how to split up the project - AAI is too big to fit under a single project. James Forsyth proposes the following breakdown for CII badging:</p> <p>1) AAI core (REST providers and common code): James Forsyth - Project created, ongoing progress.</p> <ul style="list-style-type: none"> • aai-common • aai-resources • aai-traversal • gizmo • champ • graphadmin • event-client <p>2) GUI - Arul Nambi - Need to include more repos to the current "front-end" project</p> <ul style="list-style-type: none"> • sparky-fe • sparky-be • data-router • search-data-service • router-core <p>3) Model loader - Tian Lee / Mark Tooski- Need to create projects</p> <ul style="list-style-type: none"> • model-loader • babel <p>4) Graph utils / eventing / logging - Steven Blimkie - Need to create projects</p> <ul style="list-style-type: none"> • epike • gap - Tian Lee • graphograph - Stretch for Beijing • event-client - Tian Lee • rest-client <p>4) ESR - Zi Li - Project is created, still ongoing process to meet all the requirements</p> <ul style="list-style-type: none"> • esr-gui • esr-server <p>The idea is that we assign one key person who will be responsible for getting the badge on their set of repos. This is just a suggestion, and I invite discussion, re-categorization, and complete rewrites. Owners of the sets can decide whether it makes sense to group sets into one CII badging request, or split. Every repo above must be included in 1 CII submission.</p> <p>23 Feb:</p> <p>Need readout next week per repo as to where we stand and how we can close before M4 (3/29).</p> <p>Zi Li and Arul Nambi will work together to see if same kind of scan will work for both components</p> <p>2 March: SONAR will not report on java script based so those need to be run manually via another tool locally.</p> <p>Update 3/8: Urgent - need to document our plan and have a commitment to get to 50% coverage by m4. Preferably sooner to prevent giving your PTL a heart attack.</p> <p>Offending repos:</p> <ul style="list-style-type: none"> • aai-gizmo: 0.44% • aai-common: 41.9% - will have by code freeze, Venkata Harish Kajur targets 23 March • router-core: 37.0% - Francis Paquette will have by code freeze <p>ALSO: if your repo is part of Beijing but is NOT part of the SONAR scan, (Venkata Harish Kajur, graphadmin leaps to mind) please fix that ASAP</p> <p>Update 9 March: Steven Blimkie needs James Forsyth's signoff on moving small libraries within event and rest clients to aai.core; Spike and Gap not used in Beijing; Tian Lee to create project for Model loader; may need secondary URL describing model-loader but point to aai.core.</p> <p>Gizmo – Giulio Graziani requesting adding it to his team's work list.</p> <p>Common – Venkata Harish Kajur working on</p> <p>Router-core – AMDOCs to work</p> <p>Update 16 March: James Forsyth to verify on PTL call if all vulnerabilities 4 or above need to be cleared in order to pass.</p> <p>Update 21 March: Title of project must have ONAP as the first word; Mark Tooski to pickup Tian Lee's action items while he is out.</p> <p>Update 4 April: We are at 97%</p> <p>Update 13 June: CII Badging level for Casablanca to move from Passing to Silver</p> <p>Update 27 June: Team would like to adopt name of repo included in the label</p> <p>Update 18 July: Activity will continue in Casablanca, same people will continue to report.</p>
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Open Action Items

Description	Due date	Assignee	Task appears on
<input type="checkbox"/> James Forsyth should commit that script and create a wiki for the error properties		James Forsyth	Copy of 2019-11-21 AAI Developers Meeting

<input type="checkbox"/>	Modeling question regarding the SDC reach out to Chandra to get it answered so they can move forward with AAI-3099		2020-08-11 AAI Developers Meeting
<input type="checkbox"/>	Venkata Harish Kajur will work with Bill Reehil to fix the docker staging issue for schema service docker images	Venkata Harish Kajur	2020-08-11 AAI Developers Meeting
<input type="checkbox"/>	Shashikanth VH will let the AAI team know if that solves the problem	Shashikanth VH	2020-07-22 AAI Meeting Notes
<input type="checkbox"/>	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?)	James Forsyth	2020-07-22 AAI Meeting Notes
<input type="checkbox"/>	James Forsyth will set them to read-only (nizmo_champ_spike) and El Alto will be the final release version of those microservices AAI-2732 - Getting issue details... STATUS	James Forsyth	2020-07-22 AAI Meeting Notes
<input type="checkbox"/>	James Forsyth will remove the jenkins jobs on those repos	James Forsyth	2020-07-22 AAI Meeting Notes
<input type="checkbox"/>	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?)	James Forsyth	2020-07-15 AAI Meeting Notes
<input type="checkbox"/>	James Forsyth will set them to read-only (nizmo_champ_spike) and El Alto will be the final release version of those microservices AAI-2732 - Getting issue details... STATUS	James Forsyth	2020-07-15 AAI Meeting Notes
<input type="checkbox"/>	James Forsyth will remove the jenkins jobs on those repos	James Forsyth	2020-07-15 AAI Meeting Notes

New Action items

- ☒ Manisha Aggarwal - Look at use case for using Cacher in ONAP
- ☒ Manisha Aggarwal - Advise next week if code coverage of 70% will be issue with Graph Admin (GA)
- ☐ Tian Lee - Advise if code coverage of 50% will be issue for new mS such as Champ
- ☒ Venkata Harish Kajur will be the delegate for both 7/18 and 7/26
- ☒ James Forsyth to request ONAP Meet 10 Zoom delegation for Venkata Harish Kajur
- ☐ Venkata Harish Kajur -create a bug in beijing release for dmaap messages are not correct. It looks like the version is being set as v11 even though the api is v13.



Please attach the label "aai-meeting-notes" to this page.