

# 2018-05-30 AAI Meeting Notes

## Recordings

[Recorded Session 2018-05-30](#)




## Attendees:

- [James Forsyth](#)
- [Venkata Harish Kajur](#)
- [Pavel Paroulek](#)
- [Colin Burns](#)
- [Manisha Aggarwal](#)
- [Ondrej Frindrich](#)
- [William Reehil](#)
- [Richard Epp](#)
- [Xiaojun XIE](#)
- [Gayathri G](#)
- [Phil Blackwood](#)
- [Vivian Pressley](#)
- [Shirley Morgan](#)

## Goals

- Upcoming milestones
- Release artifacts
- Documentation

## Discussion items

Open Beijing Bugs	<a href="#">James Forsyth</a>	<p>Timeouts in the lab have resulted in a blocking defect assigned to AAI</p> <div> <a href="#">AAI-1184</a> - vCPE service distribution to AAI failed in OOM-deployed env <span>CLOSED</span></div>
API Versioning	<a href="#">James Forsyth</a>	<p>AAI is considering the <a href="#">ONAP API Common Versioning Strategy (CVS) Guidelines</a> in Casablanca</p> <div> <a href="#">AAI-1185</a> - Versioning for ONAP Components with Backward Compatibility <span>CLOSED</span></div> <p><a href="#">Christina Monteleone</a> invited to next week's meeting to discuss the restructuring.</p>
AAF and TLS in Casablanca	<a href="#">James Forsyth</a>	<p>The AAI team needs a strategy for integrating with AAF and AAF certificate manager, including potentially using 2-way TLS in R3.</p> <div> <a href="#">AAI-32</a> - Integrate with AAF <span>CLOSED</span></div>
Docker Image Release version	<a href="#">James Forsyth</a>	<p><a href="#">James Forsyth</a> intends to request docker image release versions for all services today, 30 May 2018.</p>
Release Date	<a href="#">James Forsyth</a>	<p>RC2 is tomorrow, release date is 7 Jun 2018</p>
Branching	<a href="#">James Forsyth</a> and <a href="#">Venkata Harish Kajur</a>	<p>Beijing branches are cut by LF, need to bump all AAI repos to 1.3.0 and set up jibs for the beijing stream - once complete, we will open the repos to contributions for Casablanca. Rethink branching for Casablanca code freeze / dublin start.</p>
Datagrooming	<a href="#">Andrew Muller</a> and <a href="#">Pavel Paroulek</a>	<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. <a href="#">Steven Blimkie</a> will look for volunteer inside Amdocs to look for an owner of an Epic that <a href="#">James Forsyth</a> will open in JIRA for Casablanca.</p> <p>The Datagrooming tool recognizes bad data like duplicates and "phantom nodes"</p> <p><a href="#">Venkata Harish Kajur</a> to create a US to document the datagrooming steps/parameters for Beijing.</p>
Model-loader	<a href="#">James Forsyth</a>	<p>Update 25 April: <a href="#">James Forsyth</a> will create how to document on wiki. Instructions to include: access to windRiver lab, logging into system, pulling the dockers from A&amp;A&amp;, how to run OOM and start the mS. - Done <a href="#">Openlab access for AAI devs</a></p> <p>Update 2 May: <a href="#">James Forsyth</a> will reach out to Victor and Shankar on access to A&amp;AI lab</p> <p><b>Update 16 May:</b> Openlab AAI instance built, new instructions here: <a href="#">Using AAI in Openlab</a></p>
OOM	<a href="#">James Forsyth</a>	<p><b>Update 25 April:</b> <a href="#">James Forsyth</a> and <a href="#">Venkata Harish Kajur</a> to audit what is currently running then setup multiple nodes that can be used for testing; space defined and coordinated within the team; will work it offline and then share with the team via the wiki. - Done <a href="#">Setting up AAI in Openlab</a></p>
Next Milestone : RC2	<a href="#">James Forsyth</a>	<p>RC2 is tomorrow. We have 1 remaining high priority defect: <a href="#">blocked URLAAI-1136</a> - Babel doesn't start in HEAT due to log directory permissions <span>SUBMITTED</span></p>

Duplicates in DB	<a href="#">Pavel Paroulek</a>	I have created a script (based on Bill Pezzutis pseudo code) that eventually creates duplicates of entities. Some REST endpoints (GET,DELETE) for the duplicated entity stop working properly. Let's discuss as a team potential mitigation strategies and clean-up tools.
Casablanca	<a href="#">James Forsyth</a>	We'll discuss upcoming Casablanca requirements, get a brief status on the Historical Data Tracking feature.
Versioning		<a href="#">Pavel Paroulek</a> made a cool script to compare what's in nexus vs. what's in git - it's very cool, thanks, Pavel!

Code Coverage Policy Enforcement	<a href="#">James Forsyth</a>  <a href="#">Venkata Harish Kajur</a>	<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><b>Update 11 April:</b> <a href="#">James Forsyth</a> and <a href="#">Venkata Harish Kajur</a> - Look at automated PoC polling script, add test coverage.</p>
CII Badging	<a href="#">James Forsyth</a>  <a href="#">Arul Nambi</a>	<p>Wiki page with instructions on the process: <a href="#">CII Badging Program</a></p> <p>We have two CII Badging submissions currently active on <a href="#">CII Best Practice Badge Program</a>: 1) <a href="#">AAI</a> and 2) <a href="#">Sparky-fe</a></p> <p>The team needs to decide how to split up the project - AAI is too big to fit under a single project. <a href="#">James Forsyth</a> proposes the following breakdown for CII badging:</p> <p>1) AAI core (REST providers and common code): <a href="#">James Forsyth</a> - Project created, ongoing progress.</p> <ul style="list-style-type: none"> <li>• aai-common</li> <li>• aai-resources</li> <li>• aai-traversal</li> <li>• gizmo</li> <li>• champ</li> <li>• graphadmin</li> <li>• event-client</li> </ul> <p>2) GUI - <a href="#">Arul Nambi</a> - Need to include more repos to the current "front-end" project</p> <ul style="list-style-type: none"> <li>• sparky-fe</li> <li>• sparky-be</li> <li>• data-router</li> <li>• search-data-service</li> <li>• router-core</li> </ul> <p>3) Model loader - <a href="#">Tian Lee</a> / <a href="#">Mark Tooski</a>- Need to create projects</p> <ul style="list-style-type: none"> <li>• model-loader</li> <li>• babel</li> </ul> <p><del>4) Graph utils / eventing / logging - <a href="#">Steven Blimkie</a> - Need to create projects</del></p> <ul style="list-style-type: none"> <li>• spike</li> <li>• gap - <a href="#">Tian Lee</a></li> <li>• graphgraph - <del>Stretch for Beijing</del></li> <li>• event-client - <a href="#">Tian Lee</a></li> <li>• rest-client</li> </ul> <p>4) ESR - <a href="#">Zi Li</a> - Project is created, still ongoing process to meet all the requirements</p> <ul style="list-style-type: none"> <li>• esr-gui</li> <li>• esr-server</li> </ul> <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><a href="#">Zi Li</a> and <a href="#">Arul Nambi</a> 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"> <li>• <del>aai-gizmo: 0.14%</del></li> <li>• aai-common: 41.9% - will have by code freeze, <a href="#">Venkata Harish Kajur</a> targets 23 March</li> <li>• router-core: 37.0% - <a href="#">Francis Paquette</a> will have by code freeze</li> </ul> <p>ALSO: if your repo is part of Beijing but is NOT part of the SONAR scan, (<a href="#">Venkata Harish Kajur</a>, graphadmin leaps to mind) please fix that ASAP</p> <p>Update 9 March: <a href="#">Steven Blimkie</a> needs <a href="#">James Forsyth</a>'s signoff on moving small libraries within event and rest clients to aai.core; Spike and Gap not used in Beijing; <a href="#">Tian Lee</a> to create project for Model loader, may need secondary URL describing model-loader but point to aai.core.</p> <p>Gizmo - <a href="#">Giulio Graziani</a> requesting adding it to his team's work list.</p> <p>Common - <a href="#">Venkata Harish Kajur</a> working on</p> <p>Router-core - AMDOCs to work</p> <p>Update 16 March: <a href="#">James Forsyth</a> 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; <a href="#">Mark Tooski</a> to pickup <a href="#">Tian Lee</a>'s action items while he is out.</p> <p>Update 4 April: We are at 97%</p>

<div>blocked URLAAI-494 - Improve API Swagger Documentation</div> <div>IN PROGRESS</div>	<div><div>Richard Epp</div><div>Pavel Paroul ek</div></div> <div><b>Issue 1 - Parsing of YAML file into RST format</b>  Richard Epp to send yaml file via email to Pavel and attach to wiki so all can see.  YAML file too large and resulting RST file cannot be read by readmedoc causing it to be unusable.  Issues parsing the YAML file into RST format - structure is not correct - structure of YAML file must follow SWAGGER structure.  <b>Issue 2 - Exposing AAI Swagger through MSB</b>  Suggestion of using MSB portal with link of file to readmedoc.  How to display REST APIs via the swagger UI integrated with MSB: <a href="https://wiki.onap.org/display/DW/Microservice+Bus+API+Documentation#MicroserviceBusAPIDocumentation-APIDefinitionandSwagger-UI">https://wiki.onap.org/display/DW/Microservice+Bus+API+Documentation#MicroserviceBusAPIDocumentation-APIDefinitionandSwagger-UI</a>  Will need to continue as open item until resolved.  Contact <a href="#">Zi Li</a> / <a href="#">HuabingZhao</a> for more information about integration. Just require the swagger JSON file for integration - <a href="#">Richard Epp</a> please provide the JSON to <a href="#">Zi Li</a> - <a href="https://wiki.onap.org/display/DW/2018-02-02+AAI+Weekly+Meeting+notes?preview=%2F25429783%2F25432551%2FNetwork_v13.yaml">https://wiki.onap.org/display/DW/2018-02-02+AAI+Weekly+Meeting+notes?preview=%2F25429783%2F25432551%2FNetwork_v13.yaml</a>  <a href="#">Zi Li</a> - please download the yaml file above and see if you can make use of it in MSB  Note: Alternate Swagger UI service already available.  Huabing - Please refer to the below comments for session sticky and AAF plugin progress  2018-02-16: Generator of the RST can't find the definitions (there is a getDefinitions and patchDefinitions) and parser can't deal with it. Generator only can parse ASCII and there are characters outside the ASCII set. PATCH and GET methods can possibly be split into their own files. <a href="#">Richard Epp</a> will look into installing swagger UI in Windriver lab; <a href="#">Venkata Harish Kajur</a> knows how to access, contact <a href="#">Stephen Gooch</a> for access  23 Feb:  <a href="#">Richard Epp</a> split up the files; <a href="#">James Forsyth</a> uploaded network put and get (RST files) which Passed. Will do REST next.  <a href="#">Richard Epp</a> to get access to JIRA (LF)  <a href="#">Venkata Harish Kajur</a> to provide guidance to <a href="#">Richard Epp</a> on setting up Dev env locally.  2 March: <a href="#">Richard Epp</a> uploaded all RST files to wiki yesterday; not able to run GET commands, will work on Permissions issue.  Update 8 March: <a href="#">Richard Epp</a> was OOO this week, need to close on this one soon. Also need to regenerate based on the current v13 schema files (including pending commits that aren't merged yet)  Update 16 March: Follow-up needed with <a href="#">Richard Epp</a>  Update 21 March: <a href="#">Richard Epp</a> will add to Gerrit before next Thu in time before M4; will use git review. He will reach out to <a href="#">James Forsyth</a> if any issues encountered.  Update 4 April: <a href="#">Richard Epp</a> and <a href="#">Rich Bennett</a> discussed, no path forward. <a href="#">James Forsyth</a> to ask for continued exception for our documentation. <a href="#">James Forsyth</a> to create US for v12 versus v13.  <b>Update 17 April:</b> New format for Casablanca, we might do it for Beijing because it works better for us: <a href="#">Example New Offereapis Page</a></div>
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Action items

- ☒ James Forsyth - Investigate CSIT jobs for validating services.
- ☒ James Forsyth and Venkata Harish Kajur - Look at automated PoC polling script, add test coverage.
- ☒ James Forsyth will reach out to Victor and Shankar on access to A&AI lab
- ☒ James Forsyth to document on Using AAI in OpenLab - "In Reply - post your verification was successful and working"
- ☐ [Venkata Harish Kajur](#) to create US to document the datagrooming steps/parameters for Beijing.
- ☒ Christina Monteleone invited to next week's meeting to discuss the restructuring.

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