2018-11-14 AAI Meeting Notes

Recording:

Recorded Session 2018-11-14

Attendees:

James Forsyth

William LaMont

Francis Paquette

Ondrej Frindrich

Pavel Paroulek

Manisha Aggarwal

Keong Lim

William Reehil

Sharon Chisholm

Venkata Harish Kajur

Tian Lee

Benjamin Cheung

SoumyaNaik

Steven Blimkie

Gabriel Sanchez

Philip Blackwood

Shirley Morgan

START RECORDING

| Casablanca Release Status | Jame s Forsy th | Casablanca Release Integration Testing Status | | |
|---------------------------------|--------------------------|--|--|--|
| Lab support | Jame s Forsy th | To assist with monitoring JIRA, suggest subscribing to this filter: https://jira.onap.org/issues/?filter=11532, which does pick up AAI-1913 - AAI queries not working in SB-06 CLOSED as discussed. Also sent a message to onap-discuss to ask if JIRA Notification Scheme and new email list could be setup as well. | | |
| Status of History Backend | | There is a document which shows us as delivering the history backend in Casablanca - need to discuss if we are providing an accurate picture of what's available in Casablanca. | | |

| | Hbase to Cassandra migration | Amit Sinha | Bell Canada has a requirement to migrate their A&AI Graph DB backend from HBase to Cassandra. We are enabling this effort. | | |
|---|------------------------------------|--------------------------|---|--|--|
| | | | We have been investigating GraphAdmin code in ONAP, which seems to support the framework. We would like to make enhancements to this framework and contribute to ONAP. | | |
| | | | The initial enhancements we would like to accomplish are: Provide option to the end-user to select FROM and TO Version The current code doesn't have this option Support schema migration to V14 Current support exists for V11->V13 | | |
| | Our goals: | | | | |
| | | | AAI backend upgrade from HBase to Cassandra (V11 to V14) Seamless upgrade and rollback of AAI DB | | |
| | | | Recording 13th November DBmigration.mp4 | | |
| | AAI GraphGraph | Keon g Lim | William Reehil wrote introduction to (proposal for?) A&AI GraphGraph | | |
| | | | What must the solution provide? | | |
| | | | a generic interface to interact with the schema and edge information, so it can be accessed via end users and microservices ability to be configured with any schema given in the set formats (JSON for edge rules, OXM for schema) ability to easily communicate to an end user a node type's attributes and edge rules when provided with a node type as input | | |
| | | | Looks like an API to reflect on the schema from an instance in the database. | | |
| | | | Is there some overlap with the AAI Schema Services? | | |
| | | | Is this leveraging AAI Schema Services e.g. as client? proxy? facade? implementation detail? | | |
| | | | Is it an alternative to AAI Schema Services? | | |
| | | | Also added to 2018-11-15 AAI Developers Meeting for any deeper discussion. | | |
| | | | Keong Lim I do see an overlap with the schema service mainly for the retrieval of the data, but GraphgGraph will offer more on top of that(UI, NLP), during the POC code for GraphGaph there was no schema service. Implementation details can be discussed on our call for how exactly to leverage the schema service, the poc code, and where the core logic resides for this functionality. | | |
| | | Jame s Forsy th | In Dublin there is a new xml property in the OXM file called requiredProps - those who are planning make schema changes should add requiredProps in the <xml-properties> section of each java-type Example:</xml-properties> | | |
| | OXM file | | <pre><ml-properties> <ml-property name="description" value="Logical interfaces, e.g., a vnic."></ml-property> <ml-property name="indexedProps" value="macaddr,interface-id,interface-name,network-name"></ml-property> <ml-property name="dependentOn" value="generic-vnf,newvce,p-interface,vserver,lag-interface,l-interface"></ml-property> <ml-property name="container" value="l-interfaces"></ml-property> <ml-property name="uriTemplate" value="l-interfaces/l-interface/(interface-name)"></ml-property> <ml-property name="requiredProps" value="interface-name,is-port-mirrored,in-maint,is-ip-unnumbered"></ml-property> </ml-properties></pre> | | |
| | Daylight | | Update 31 Oct: | | |
| | Savings Time | | AAI meetings will be adjusted for US daylight savings. James Forsyth will verify that the community meetings page on the wiki accurately reflects the end of Daylight Savings | | |
| | Release versions | | Update 31 Oct: | | |
| | VOIGIONO | | Steven Blimkie and James Forsyth will release Amdocs microservices today and request casablanca branching. | | |
| | Weekly Developer's | Jame s | James Forsyth will create a new poll: https://www.timeanddate.com/ and send link to new poll to the onap-discuss list | | |
| | Call | Forsy th | https://doodle.com/poll/t2c7md2kv9x7cdzx | | |
| | | | See also AAI Developers Meeting | | |
| 5 | AAI UI | Keon | Recently updated AAI Graphical User Interface due to colleagues wanting to use the AAI UI. | | |
| | documentatio n or user guide | g Lim | Is there a more comprehensive and authoritative documentation or user guide for AAI UI? | | |
| | | | The main issue is that it is not clear how to get started - Francis Paquette will look at what's on the readthedocs site, I think we need to port what Keong has put in the wiki to the main docs repo at a minimum. | | |

| Call Bodging The Control of Cont | Cil Badging | | | | | | | | | |
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| Part | 1 | | | | Lowest 95% | | | | | |
| Comment Comm | | | | ONAP AAI UI (sparky-fe) | cii best practices in progress 97% | 97 | 84 | 22 | | |
| Comparison Com | | | | ONAP Active and Available Inventory | cii best practices in progress 97% | 97 | 78 | 17 | | |
| Part Company Part | | | | ONAP ESR (External System Register) | di best practices in progress 97% | 97 | 11 | 4 | | |
| County C | | | | ONAP AAI UI | cli best practices in progress 98% | 98 | 87 | 17 | | |
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| Comment Part | | | <u>uu</u> | | | | | | | |
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| Values about 1 | | | Fill out CII Silver Badging Te | mplate. We have not committed to a silv | er badge, but the community wants | us to fill it o | ut to the b | est of our | ability. | |
| do agree with your comments on the wilk, however I would like to encourage you to provide your feedback for the remaining vulnerabilities that are available in the Nexus-VD but unfortunately not included on your Wild. If needed, we can have a short call together to review remaining vulnerabile components (I hope the list is complete): | | | Thank you for providing the f | eedback for AAI known vulnerabilities. | | | | | | |
| tomcate catalina: 8.5.23 tomcate: 2p : 8.5.23 netty-all : 4.1.0.CR3 cd-re-transports-http: 3.2.2 Update 18th Oct anines-gal/brown and specifies '-tomcate version-8.5.23-chomcate version-9 anines-gal/brown and specifies '-tomcate versio | vuinerabilities | | | | ncourage you to provide your feedb | ack for the r | emaining v | vulnerabili | ities that are available o | |
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| netty-all: 4.10.CR3 cdr-f-transports-http: 3.2.2 Update 18th Oct: asilear-guil/bttpserverloom.xml specifies *-tampat.version-8.5.23-tampat.version-9. Link for presentation: 5G - PNF Plug and Play (Casablanca carry-over items) Discuss about the Schema Microson/co attal *-tampat.version-9. Again *-tampat.version-9. Again *-tampat.version-9. Biscuss about the Schema Microson/co attal *-tampat.version-9. Biscuss and will be presenting atternatives and asking for an assessment from each project attal *-tampat.version-9. Biscuss and will reserve to do an analysis - the would not be trivial, aspecially given how many of our repos are impacted. As of now, this would be a very high LOE action *-tampat.version-9. Biscuss and will reserve to do an analysis - the would not be trivial, aspecially given how many of our repos are impacted. As of now, this would be a very high LOE action *-tampat.version-9. Biscuss and will reserve to do an analysis - the would not be trivial. aspecially given how many of our repos are impacted. As of | | | | | | | | | | |
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| | generation Support for 2 | Willia m LaMo nt Jame s Forsy th Pavel | 24th Oct: Move discussion to Update 31 Oct: James Forsyth will add this to Multi-oxm. There is limited at | o AAI Developers Meeting o the PTL call agenda for Monday 4 Novuditing which shows warnings, but we m | ght want to review the requirement | s around mu | ilti-oxm to | prevent o | ollisions. | |
| In order to reduce hardware/cloud costs (mainly the memory footprint) it could be beneficial to support a minimalistic A&AI deployment. | Support for 2 OOM deployment | Willia m LaMo nt Jame s Forsy th Pavel Parou | 24th Oct: Move discussion to Update 31 Oct: James Forsyth will add this to Multi-oxm. There is limited at Motivation: Decrease the res Idea: we could support 2 diffe deploy only the essential ser | o AAI Developers Meeting to the PTL call agenda for Monday 4 Novuditing which shows warnings, but we may be accounted for the property of the | ght want to review the requirement ght want to review the requirement ments | ıt. The point | of the "ba | rebone" d | eployment would be to | |

| AAF and | Jame | The AAI team needs a strategy for integrating with AAF and AAF certificate manager, including potentially using 2-way TLS in R3. |
|-------------------------|-------------------|---|
| TLS in Casablanca | s Forsy th | blocked URLAAI-32 - Integrate with AAF OPEN |
| | | UPDATE 6 JUNE: ANDY BAXTER PROVIDED PRESENTATION |
| | | Update 17 Oct: It works! First successful deployment of the AAI profile in OOM. |
| | | Need to make it permanent once AAF is stable. |
| | | Update 24 Oct: Pavel Paroulek will add a feature enhancement request in AAF to provide better logging facilities so we can configure AAF logs rather than logging directly to STDOUT. AAF feature request: blocked URLAAF-604 - Use a logging facade in CADI framework OPEN |
| | | blocked URLAAI-1760 - [resources and traversal] Make the AAF profile active in OOM by default OPEN |
| 5G PNF Software | yaogu ang | We have a 5G related functionality in Change management, 5G PNF Software upgrade. https://wiki.onap.org/display/DW/5G+-+PNF+Software+Upgrade. |
| upgrade | wang | Right now, PNF software version is modeled and accepted in SDC, and also approved in Modeling subcommittee and TSC.https://wiki.onap.org/display/DW /TSC+2018-07-26+Meeting+Agenda. (Modeling report) |
| | min Cheu ng | We are not familiar with A&Al. The target of this functionality is to update PNF Sw version when upgrade completion with specified pnfid. Could you and your team give us some help on this? |
| | i i g | 1) Is there any available APIs provided by AAI for this? |
| | | 2) If yes, can you give me some details on it. If not, could you and AAI team provide support in Casablanca? We would like to provide contributions if needed. |
| | | Update 01 Aug: yaoguang wang to follow-up with SDC team and send conclusion results to James Forsyth |
| PNF Plug and Play w/ | Benja min | PLUG AND PLAY USE CASE WIKI: 5G - PNF Plug and Play |
| A&AI in Casablanca | Cheu ng | A&AI ENTRY FOR PNF PnP: 5G - PNF Plug and Play#5G-PNFPlugandPlay-STAGE2-PNFA&AIENTRYUSEDBYPNP |
| | | There are a number of A&AI topics: |
| | | GEOLOCATION - Suggested from the PNF Modeling discussions. It was counter-suggestion (form A&AI) was to use the COMPLEX Object. Some members of the PNF Modeling group still have questions about how this would work exactly. DETECTED SOFTWARE VERSION LIST - (this is already a tracked item above) |
| | | CLOUD HOME - CLLI Code for Cloud homing of the PNF. Counter-suggestion (from A&AI) was to use the COMPLEX Object. However, the modeling community was not satisfied with this suggestion. |
| | | MANAGER IP ADDRESS - Modeling in A&AI parameters for the Manager of the PNF. Counter-suggestion (from A&AI) was to model the NMS as a NF. Modeling community thought that the Manager IP address was more appropriate, simpler, more succinct solution instead of modeling the NMS as a NF. S/W IMAGE REPOSITORY - Location where NF Software repository is. Would be a URL/Web address. |
| CII Badging | Jame s | Wiki page with instructions on the process: CII Badging Program |
| | Forsy th | Need updates on the CII badging for ESR |
| | | |

Open Action Items

New Action items

Pavel Paroulek to clarify if ticket needed for Graph Admin or Graph Graph