

LOG Meeting Minutes 2019-04-23

Use just for today - real meeting busted - zoom.us/j/7939937123

Meeting every 2 weeks at 1100 EST Tue - <https://zoom.us/j/519971638>

<https://lists.onap.org/g/onap-discuss/topics>

<http://onap-integration.eastus.cloudapp.azure.com:3000/group/onap-integration>

<https://jira.onap.org/secure/RapidBoard.jspa?rapidView=143&view=planning.nodetail&epics=visible>

Attendees

[Luke Parker](#) , [Prudence Au](#) , [Michael O'Brien](#) , [Sanjay](#) , [Lorraine Welch](#)

Agenda

- Meetings every 2 weeks now - next meeting the 19th
- Need to accomodate [Luke Parker](#) - who is up at 3 am right now in Australia - will be 1 in the morning until April - then 2am
 - ideas: Better to be up at 1-3 than 8am - keep at 11 for now
- For NA - stays at 11 - but I will verify if we are on UTC
- DST is coming this weekend - we should agree on the meeting time - Luke does not go DST for 3 more weeks
- Michael: status no progress on logging related jiras involving dublin scope (code/tech) last week
- Passed M2
- Discussed in TSC and PTL meets - issue related to manifest vs k8s values.yaml overrides for casablanca and CMR releases -
 -  **TSG-86** - Lock down docker image tag name source of truth - oom values.yaml or integration repo manifest - A: both but manifest is the source CLOSED
 - **TSC 2019-02-28**
 -  **OOM-1560** - dmaap-dr-node deployment is failing - casablanca CLOSED
- In architecture review for M3 - (Addressed comments) [Logging Dublin M3 Architecture Review](#)
- Working more for OOM lately - Created RKE script to replace rancher - pending work is to test HA - <https:// Gerrit.onap.org/r/#/c/79067/> for
 -  **OOM-1670** - RKE installation script and reference HEAT yaml/env/sh CLOSED
- Assisting with ONS April demo prep - 2 or more ONAP installations working together - one as an edge cloud
- Focused on onap devops - primarily for 2 customers deploying ONAP
- 5G training next week
- April 3-5 ONS work
 - k8s infrastructure and
 - Logging will be a part of the demo - we will show the kibana logs during a vFW operation in an i-frame for the master and edge ONAP deploys
- PTL position is open - let me know if anyone would like to take it.
- Also quickly discussed idea of rolling LOG into OOM - should revisit
- Pending committer for pomba - [Committer Request for Trevor Tait](#) and [Pierre Rioux - Committer Request for \[Logging-Analytics\]](#) - will send out reviews once stats are completed - TSC review will be needed
- TODO I need to check MSB issues on onap-discuss -
- Spondon - import the dashboard - fix the one on the wiki - [Lorraine Welch](#) export to json first [ONAP Culprit Locator](#)
- [Lorraine Welch](#) question about changing the index for the db (Grafana for example) - @Timestamp timestamp for example - TODO - merge the 2 indexes -
- **Q) Sanjay: (opentracking related - picking up errors on stdout (err, out)**
 - how:
 - (also review from 2 weeks ago - [Lorraine Welch](#) System.out standardout - review in terms of not using a hardcoded file appender - in terms of syslogs
 - see <https://12factor.net/logs>
 - log retention on pod failure - those not mapped to PVs - including the current EmptyDir link between the sidecar - etherial PV - logs only end up in the elk stack
 - **Look into PV/PVC structure for log retention instead of the default emptydir**
 - <https://git.onap.org/logging-analytics/tree/reference/logging-kubernetes/logdemonode/charts/logdemonode/templates/deployment.yaml#n114>
 - see PV/PVC example . ~~logs can go to the /dockerdatafs)~~
 - <https://git.onap.org/oom/tree/kubernetes/portal/charts/portal-mariadb/templates/deployment.yaml#n84>
 - Topic: File retention
 - Q: rotation schedule, size of retention - what role does the PV on the ELK stack play compared to the individual source pod PVs
 - @Luke's example - discuss with [Mike Elliott](#) - review a pending upstream contribution
 - <https://git.onap.org/logging-analytics/tree/reference/provider/helm/logback/chart/resources/logback.xml#n10>
 - variables set in
 - <https://git.onap.org/logging-analytics/tree/reference/provider/helm/logback/chart/values.yaml#n14>
 - Review any issues with multiple providers in SDNC and APPC
 - [Lorraine Welch](#) check <https://www.loomsystems.com/blog/single-post/2017/01/30/a-comparison-of-fluentd-vs-logstash-log-collector>

Attendees

Items

PRI	Title	Responsible	Status	In Dublin	Last Worked on	Start	Notes
			OPEN				
	Security Vulnerability template	Michael O'Brien	Ongoing	IN		20190122	
	M1 template	Michael O'Brien Prudence Au	DONE	IN	20190124	20190122	
	ONS NA 2019 April Talk proposal	Michael O'Brien	DONE	IN		20190122	pending 20190208 decision <div>LOG-947 - ONS NA 2019 April demo code/presentation CLOSED</div>
	Use manifest generation over raw oom values. yaml docker image tag names	Michael O'Brien	DONE	IN	20190124	20190117	pending documentation in RTD Team, In the TSC it was decided to treat the diff between oom and the manifest by always Casablanca and RC0-2 work Working out the details in https://jira.onap.org/browse/LOG-929 https://onap.readthedocs.io/en/casablanca/submodules/integration.git/docs/index.html /michael
	S3P Logging compliance TSC /PTL	Michael O'Brien	IN PROGRESS	IN	20190115	20190114	PTL 2019-01-14 Log Streaming Compliance and API discussed at last PTL meet with Jason Hunt <div><div>Recording</div><div>Zoom</div><div>So Many Requirements!</div><div><div>TSC Must-Have Requirements</div><div>Platform Maturity (S3P)</div><div>No change</div><div><ul style="list-style-type: none">*Footprint Optimization*Document as You Code*Service Mesh (currently NO-GO)*Upgrade Capabilities*Geo-redundancy*Logging Capabilities</div><div>THE LINUX FOUNDATION</div></div></div>

	El-Alto 1.4 logging spec change - plan only todo merge with Dave's below	Michael O'Brien Dave Williamson	IN PROGRESS	IN	20190122	
	Dublin Scope Planning	Michael O'Brien	DONE	IN	20190124	<div> LOG-797 - Logging El-Alto (moved from) Dublin Scope CLOSED </div> Logging Dublin M1 Release Planning
	RTD documentation	Michael O'Brien	OPEN	IN	20180129	Attending Thu 1130-1230 meets
	restart log4j format and files example	Michael O'Brien	IN PROGRESS	IN	20190115	20190108 https://gerrit.onap.org/r/#/c/62405/ for <div> LOG-639 - Single logback.xml in OOM onap parent chart CLOSED </div> and <div> LOG-478 - Log Specification Alignment - each onap component CLOSED </div> Log Streaming Compliance and API#DeploymentProfiles
	Work with portal /sdk library	Michael O'Brien	IN PROGRESS	IN	20190129	20190115 Update: 20190129 - Existing eclipse environ for the RI being retrofitted At the pom stage bringing in the jar via portal/sdk in use by aai, dmaap, sdk, vid (vid link into so maybe?) <div> <pre><groupId>org.onap.portal.sdk</groupId></pre> </div> epic <div> LOG-600 - Align with Portal/SDK logging library - investigate/run/modify to cor </div> Jira <div> PORTAL-348 - Investigate/Run/Use/Modify Portal/SDC Logging library to align </div> review investigation in Logging Developer Guide Log Streaming Compliance and API#ExistingLibraryResearch\ Luke Parker discussion need to use the portal library in an initiating project for tx processing working likely with the SO team - via the work we are doing for them in https://gerrit.onap.org/r/#/c/62405/ (check the original spec - ODL specific - check appc/sdnc use of ccscdk)
	New Committers		OPEN		20190115	We have room for 2-5 committers and will be reviewing the list Logging Enhancements Project Proposal#KeyProjectFacts add your details to Logging Committer Promotion Requests 20190129 status - waiting on contributor documentation from each contributor
	OPNFV /ONAP Paris		DONE		20190108	https://ddfplugfest19.sched.com/ Tue-Thu Clover Gambia on prior https://zoom.us/j/115579117 - 7 hours ahead https://ddfplugfest19.sched.com/event/K1Gy/opnfv-clover-utilizing-cloud-native-tech

	Security badging	Michael O'Brien	IN PROGRESS	IN	20190129		Need to restart this
	Security Vulnerabilities	Michael O'Brien Prudence Au	IN PROGRESS	IN	20190129		lower - but for M4
	s3p Secure https endpoints LOG + POMBA	for Jason Hunt	OPEN	IN			Discussion on whether we need to lock down the nodeport exposed ports Can key off POMBA work already done todo: get s3p page
	Format compliance - working with AAI team + perf	Michael O'Brien	IN PROGRESS	IN	20190115	20181101	<p> 20190115 - casablanca cherry pick in queue logstash 5 to 3 and 1 https://germit.onap.org/r/#/c/75702/</p> <p>(+) 20190109 from aai team https://wiki.onap.org/display/DW/2019-01-17+AAI+Developers+Meeting+Open+Agenda "hector has discovered that the stress test jar (liveness probe?) in aai-cassandra is suspected that may cause pod rescheduling)"</p> <p>#6 on 2018-12-20 AAI Developers Meeting around</p> <p> LOG-376 - Logstash full saturation of 8 cores with AAI deployed on one of the</p> <p>Discussion with @Sanjay Agraharam and [-pau2882] on checking how cassandra is use labelling to split aai-cs and ls - no DaemonSet</p> <p>Michael O'Brien to reduce core count for ls to 1 from 3</p> <p> LOG-915 - Reduce Logstash core limit to 1 from 3 until LOG-LS and AAI-CS p</p> <p>edited 2019-01-10 AAI Developers Meeting for the 10th</p>
	AAI team - 2 types of logging AOP /non-AOP		OPEN	IN		20181101	#22 on 2018-12-20 AAI Developers Meeting
	Logging requests from Vendors		OPEN				<p> LOG-877 - S3P: Logging streaming/format alignment for dublin - China Telec</p> <p> LOG-876 - S3P: Logging for Core Service/VNF state and transition model - De</p> <p>#15,19 and 37 on SP priorities for Dublin</p>
	LOG Streaming compliance		IN PROGRESS	IN			<p>Log Streaming Compliance and API</p> <p> LOG-487 - LOG Pipeline Integrity: Docker to Filebeat to Logstash to ElasticSe</p> <p> LOG-487 - LOG Pipeline Integrity: Docker to Filebeat to Logstash to ElasticSe</p> <p> LOG-852 - POMBA: Some pods do not ship with filebeat CLOSED</p> <p>and</p> <p>PTL 2019-01-14</p>
	opentracing via https://opentracing.io/			IN (planning /POC for sure)	20190123		<p>@Sanjay</p> <p>discuss integration - out of band processing - LOG-104 - Investigate Jaeger /</p> <p>see zipkin arch https://zipkin.io/pages/architecture.html</p> <p>possibly tie both as a client of es ?</p> <p>Tie in to ONS NA 2019 April demo booth for LF</p> <p>https://lists.onap.org/g/onap-discuss/message/15066?p=,,,20,0,0,0::Created,,opentr</p>

	discussi on - remove				20190108		<p>discuss tick/tock logging spec behaviour - cassablanca implemented in dublin, dublin</p> <ul style="list-style-type: none"> • Capture any changes to the Casablanca spec to be implemented in Dublin Ac Dublin • verified but take care to keep the baseline spec - keep separation for any char
	Log Checker	Cheuk Yiu Horace Ip Lee Breslau		OUT	20190109		Mike to review with Horace
	Search Guard	Michael O'Brien	OPEN	Maybe	20180109		<div> LOG-484 - Use Search Guard Community Edition for TLS REST encryption </div>
	spec change s for Dublin	Dave Williamson		IN (planning)	20190109	20190109	<p>Dublin spec changes for Elalto</p> <p>environment name</p> <p>release name</p> <p>check mail for reply Michael O'Brien</p> <p>Prudence Au proposal of renaming the log file name itself for the release ie: 3.0.0-01</p>
	Cluster logging behavio ur S3P	Dave Williamson Michael O'Brien Prudence Au		IN			server name in clustered environments - I will add the details and the Jira right after
	LOG ELK stack indexing /dashbo ards with Promet heus below		OPEN	IN	20190123		
	Casabla nca 3.0.1 work until 10th Jan Includin g POMBA	Michael O'Brien	DONE		20190122	20190113	<div> LOG-813 - POMBA: 1 of 11 pods failing on sequenced startup on 3.0.0-ONAP </div> <p>revert Jira for data-router off TSC-92 -</p> <p>pending merge of https://gerrit.onap.org/r/#/c/75999/</p>
	LOG openlab tenant devops cluster creation /testing	Michael O'Brien	Done pending vFW	IN			<p>We have 2 clusters a 1+4 and 1+13 used for testing deployments and running the vFW</p> <p>Logging DevOps Infrastructure</p>
	Wiki edits, RTD review	Michael O'Brien	OPEN	IN			Requiring Updates, Merges or Marked Deprecated
	Metric Streami ng and Promet heus	Michael O'Brien Vaibhav Chopra	IN PROGRESS	IN	20181207		<div> LOG-914 - Add Prometheus charts for kubernetes metric streaming into the L </div> <div> LOG-773 - Prometheus integration with the Logging ELK stack for OPS </div> <div> LOG-864 - Dynamic/Live Dashboard for Log Streaming Containers </div> <p>work with Vaibhav Chopra</p> <div> OOM-4504 - Health monitoring for ONAP Platform </div> <p>@Sanjay - note the prom chart assumes a k8s environment - what about bare metal</p>
	Finish SO filebeat additions	Michael O'Brien	IN PROGRESS	IN	20181207		<div> SO-4110 - Re-add Filebeat sidecars to SO after 2-9 container refactor </div> <p>https://gerrit.onap.org/r/#/c/69947/</p>

	Finish LOG common charts	Michael O'Brien	OPEN	OUT to El-alto	20190123	20181207	<p>James MacNider - bring in Prianka's common eLK charts and use them in Clamp, LC</p> <p>https://gerrit.onap.org/r/#/c/64767/</p> <div>LOG-943 - Common ONAP Elasticstack Artifacts CLOSED</div> <p>revert to El-alto under</p> <div>LOG-936 - Common ELK Helm Charts CLOSED</div>
	Team Members Thank you and review		OPEN	IN			<ul style="list-style-type: none"> Shane Daniel to be removed - moved on to AI work - thanks for everything done Lee Breslau Luke Parker Michael O'Brien Dave Williamson @Sanjay Agrapharam Lorraine Welch James MacNider Prudence Au Anthony Manuel Cheuk Yiu Horace Ip
del	Review last 4 weeks since LOG Meeting Minutes 2018-12-05		IN PROGRESS				<ul style="list-style-type: none"> TSC-79 - LF Nexus3 routing slowdown starting 20181217 - 80-100x slower https://lists.onap.org/g/onap-discuss/topic/onap_helpdesk_65866/28800220?fid=1 https://wiki.onap.org/display/DW/Cloud+Native+Deployment#CloudNativeDeployment
	TSC /PTL meet actions		IN PROGRESS				<ul style="list-style-type: none"> TSC 2018-12-20 TSC 2019-01-03 PTL 2019-01-07
	OOM transfer chart ownership to teams LOG is part of poc	Michael O'Brien Mike Elliott	IN PROGRESS	IN	20190107		<p>Starting - will have a training session - will send out any meetings to onap-discuss</p> <p>We may have the same symlink repo folder like we do for doc</p> <p>Last discussed TSC 20180109</p>
	OOM Deployment priority base platform includes LOG	Michael O'Brien Mike Elliott	IN PROGRESS	OUT todo review with Mike Elliott	20190123	20181207	<p>Q2) priority of system level containers like the ELK stack - OOM has a common service</p> <p>There is a cd.sh retrofit that sequences the pods in order for deployment stability - the</p> <div>LOG-898 - ONAP Deployment Resiliency changes to deploy without POD fail</div> <div>LOG-326 - CD: OOM automated deployment script CLOSED</div> <p>https://gerrit.onap.org/r/#/c/75422/ via ONAP Development#WorkingwithJSONPath</p> <div>DCAEGEN2-1067 - Deploying DCAEGEN2 late in a sequenced deployment workflow</div>
	k8s manifest or oom values. yaml for docker tags - truth	Michael O'Brien	IN PROGRESS		20190123		<div>TSC-86 - Lock down docker image tag name source of truth - oom values.yaml</div> <p>TODO: paste TSC review - manifest is truth</p> <p>RTD doc link to run the script to get the yaml override</p>
	Nexus3 routing slowdown	Michael O'Brien	DONE		20181222		<div>TSC-79 - LF Nexus3 routing slowdown starting 20181217 - 80-100x slower down</div> <p>20181217-22</p> <div>LOG-898 - ONAP Deployment Resiliency changes to deploy without POD fail</div>
	LOG compliance diagram /exercise	Michael O'Brien @Sanjay Agrapharam	IN PROGRESS		20181205		<p>Log Streaming Compliance and API</p> <p>part of prometheus work now</p> <p>Sanjay - diagram FB must be split between using AOP and AOP+spec compliant - o</p>

	Ongoing						
	CI/CD pipeline TSC poc	Michael O'Brien	IN PROGRESS		20180107	<input checked="" type="checkbox"/> TSC-25 - Task Force to implement CD (Continuous Deployment) CLOSED	<p>LOG is part of this poc</p> <p>https://lists.onap.org/g/onap-discuss/topic/cd_task_force_tsc_25_meetings/2900164</p>

Notes