

# LOG Meeting Minutes 2019-01-22

Meeting 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>

## Agenda

### Attendees



[Cheuk Yiu Horace Ip](#)


[Michael O'Brien](#)

[Prudence Au](#)

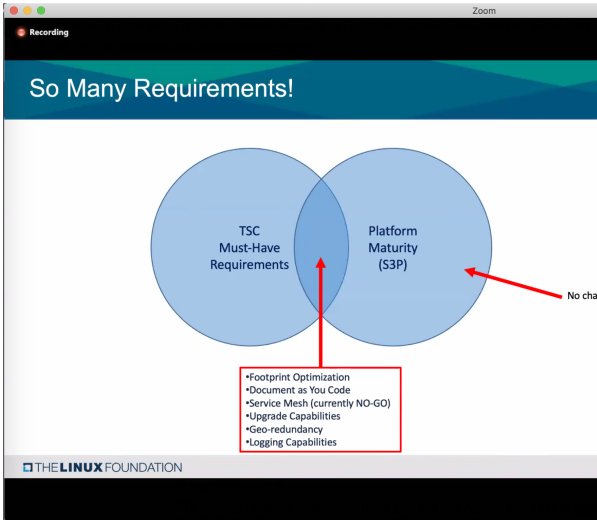



### Items






- get committed resources for the next 2 months M1 to RC0 - so we can state what is in and out of the Dublin release 9 weeks to april 4th
  - M2 - functionality freeze - 21 Feb
  - M4 - April 4th
  - I have taken the liberty of adding some names - feel free to add your availability or edit this section - we will paraphrase it in the M1 report - [Logging Dublin M1 Release Planning](#)
  - [Michael O'Brien](#) - 50% direct Logging work - really 40% dev/devops + 10% PTL/TSC/Project - the rest = related ONAP, CD, Doc, OOM, conference/customer,
  - [Prudence Au](#) - doing half of the PTL work, template, meets, reviews - especially POMBA with [James MacNider](#) on reviews - representing on most Thu POMBA meets
  - [Avdhut Kholkar](#)
  - [Luke Parker](#)
- Finalize Dublin scope for M1 in 2 days  
[Release Planning#DublinReleaseCalendar](#)  
[Logging Dublin Scope](#)
- New work for dublin
  - plus metric capture via Prometheus -

 [LOG-911](#) - Add Prometheus charts for kubernetes metric streaming into the LOG ELK stack CLOSED
  -  [LOG-797](#) - Logging El-Altto (moved from) Dublin Scope CLOSED
- Review/consolidate JIRAs
- opentrace - will try to get in by april - an LF project
- priority list
  - infrastructure - filebeat
  - format - via library - portal/sdk - minimal retrofit for markers/mdcs
  - all s3p - security, perf (aai-log-3\*\*) - scaling - run with 1 logstash
  - Logstash used to be a Daemonset - however the filebeat needs to a daemonset - instead of each sidecar - 1 container per vm - get story
  - Additional tools - get POC for each - determine which goes to production level
    - prometheus - requires coordination with oom and multicloud
    - log checker - just us
  - opentracing - us - 

 [LOG-184](#) - Investigate Jaeger / opentracing / zipkin distributed tracing agent/server CLOSED
  - search guard - us

PRI	Title	Responsible	Status	In Dublin	Last Worked on	Start	Notes
			OPEN				
	Security Vulnerability template	<a href="#">Michael O'Brien</a>	DONE	IN		20190122	
	M1 template	<a href="#">Michael O'Brien</a>	IN PROGRESS	IN		20190122	

	ONS NA 2019 April Talk proposal	Michael O'Brien	DONE	IN		20190122	
	Use manifest generation over raw oom values. yml docker image tag names	Michael O'Brien	IN PROGRESS			20190117	<p>Team,</p> <p>In the TSC it was decided to treat the diff between oom and the manifest by always Casablanca and RC0-2 work</p> <p>Working out the details in</p> <p><a href="https://jira.onap.org/browse/LOG-929">https://jira.onap.org/browse/LOG-929</a></p> <p><a href="https://onap.readthedocs.io/en/casablanca/submodules/integration.git/docs/index.html">https://onap.readthedocs.io/en/casablanca/submodules/integration.git/docs/index.html</a></p> <p>/michael</p>
	S3P Logging compliance TSC /PTL	Michael O'Brien		IN	20190115	20190114	<p>PTL 2019-01-14</p> <p>discussed at last PTL meet with <a href="#">Jason Hunt</a></p> 
	El-Alto 1.4 logging spec change - plan only			IN	20190122		
	todo merge with Dave's below						
	Dublin Scope Planning	Michael O'Brien	IN PROGRESS	IN	20190108		<p> <b>LOG-767</b> - Logging El-Alto (moved from) Dublin Scope <span>CLOSED</span></p> <p><a href="#">Logging Dublin M1 Release Planning</a></p>
	RTD documentation			IN	20180114		
	restart log4j format and files example	Michael O'Brien	IN PROGRESS	IN	20190115	20190108	<p><a href="https://gerrit.onap.org/r/#/c/62405/">https://gerrit.onap.org/r/#/c/62405/</a></p> <p>for  <b>LOG-636</b> - Single logback.xml in OOM onap parent chart <span>CLOSED</span></p> <p>and</p> <p> <b>LOG-478</b> - Log Specification Alignment - each onap component <span>CLOSED</span></p> <p><a href="#">Log Streaming Compliance and API#DeploymentProfiles</a></p>

	Work with portal /sdk library	Michael O'Brien	IN PROGRESS	IN	20190115	20190115	review investigation in <a href="#">Logging Developer Guide</a> <a href="#">Log Streaming Compliance and API#ExistingLibraryResearch</a>
	New Committers				20190115		We have room for 2-5 committers and will be reviewing the list <a href="#">Logging Enhancements Project Proposal#KeyProjectFacts</a> add your details to <a href="#">Logging Committer Promotion Requests</a>
	OPNFV /ONAP Paris		DONE		20190108		<a href="https://ddfplugfest19.sched.com/">https://ddfplugfest19.sched.com/</a> Tue-Thu Clover Gambia on prior <a href="https://zoom.us/j/115579117">https://zoom.us/j/115579117</a> - 7 hours ahead <a href="https://ddfplugfest19.sched.com/event/K1Gy/opnfv-clover-utilizing-cloud-native-tech">https://ddfplugfest19.sched.com/event/K1Gy/opnfv-clover-utilizing-cloud-native-tech</a>
	Security badging	Michael O'Brien	IN PROGRESS	IN			
	Security Vulnerabilities	Michael O'Brien Prudence Au	IN PROGRESS	IN			
	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	 20190115 - casablanca cherry pick in queue logstash 5 to 3 and 1 <a href="https://gerrit.onap.org/r/#/c/75702/">https://gerrit.onap.org/r/#/c/75702/</a>  (+) 20190109 from aai team <a href="https://wiki.onap.org/display/DW/2019-01-17+AAI+Developers+Meeting+Open+Agenda">https://wiki.onap.org/display/DW/2019-01-17+AAI+Developers+Meeting+Open+Agenda</a> "hector has discovered that the stress test jar (liveness probe?) in aai-cassandra is suspected that may cause pod rescheduling) "  #6 on <a href="#">2018-12-20 AAI Developers Meeting</a> around  <b>LOG-376</b> - Logstash full saturation of 8 cores with AAI deployed on one of the  Discussion with @Sanjay Agraharam and [-pau2882] on checking how cassandra is use labelling to split aai-cs and ls - no DaemonSet  <a href="#">Michael O'Brien</a> to reduce core count for ls to 1 from 3   <b>LOG-915</b> - Reduce Logstash core limit to 1 from 3 until LOG-LS and AAI-CS f  edited <a href="#">2019-01-10 AAI Developers Meeting</a>  for the 10th
	AAI team - 2 types of logging AOP /non-AOP		OPEN	IN		20181101	#22 on <a href="#">2018-12-20 AAI Developers Meeting</a>
	Logging requests from Vendors		OPEN				 <b>LOG-877</b> - S3P: Logging streaming/format alignment for dublin - China Telecom   <b>LOG-876</b> - S3P: Logging for Core Service/VNF state and transition model - Dr  #15,19 and 37 on <a href="#">SP priorities for Dublin</a>

	LOG Streaming compliance		IN PROGRESS	IN			<div>LOG-487 - LOG Pipeline Integrity: Docker to Filebeat to Logstash to ElasticSe</div> <div>LOG-487 - LOG Pipeline Integrity: Docker to Filebeat to Logstash to ElasticSe</div> <div>LOG-852 - POMBA: Some pods do not ship with filebeat <span>CLOSED</span></div> <p>and</p> <p>PTL 2019-01-14</p>
	opentracing via <a href="https://opentracing.io/">https://opentracing.io/</a>			IN (planning /POC for sure)	20190123		<p>@Sanjay</p> <p>discuss integration - out of band processing - <span>LOG-494</span> - Investigate Jaeger /</p> <p>see zipkin arch <a href="https://zipkin.io/pages/architecture.html">https://zipkin.io/pages/architecture.html</a></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><a href="https://lists.onap.org/g/onap-discuss/message/15066?p=,,,20,0,0,0::Created,,opentr">https://lists.onap.org/g/onap-discuss/message/15066?p=,,,20,0,0,0::Created,,opentr</a></p>
	discussion - remove				20190108		<p>discuss tick/tock logging spec behaviour - cassablanca implemented in dublin, dublin</p> <ul style="list-style-type: none"> <li>• Capture any changes to the Casablanca spec to be implemented in Dublin <a href="#">Ac Dublin</a></li> <li>• verified but take care to keep the baseline spec - keep separation for any char</li> </ul>
	Log Checker	<a href="#">Cheuk Yiu</a> <a href="#">Horace Ip</a> <a href="#">Lee Breslau</a>		OUT	20190109		Mike to review with Horace
	Search Guard	<a href="#">Michael O'Brien</a>	OPEN	Maybe	20180109		<span>LOG-494</span> - Use Search Guard Community Edition for TLS REST encryption
	spec changes for Dublin	<a href="#">Dave Williamson</a>		IN (planning)	20190109	20190109	<p>Dublin spec changes for Elalto</p> <p>environment name</p> <p>release name</p> <p>check mail for reply <a href="#">Michael O'Brien</a></p> <p><a href="#">Prudence Au</a> proposal of renaming the log file name itself for the release ie: 3.0.0-OI</p>
	Cluster logging behaviour S3P	<a href="#">Dave Williamson</a> <a href="#">Michael O'Brien</a> <a href="#">Prudence Au</a>		IN			server name in clustered environments - I will add the details and the Jira right after
	LOG ELK stack indexing /dashboards with Prometheus below		OPEN	IN	20190123		
	Casablanca 3.0.1 work until 10th Jan Including POMBA	<a href="#">Michael O'Brien</a>	DONE		20190122	20190113	<div><span>LOG-913</span> - POMBA: 1 of 11 pods failing on sequenced startup on 3.0.0-ONAF</div> <p>revert Jira for data-router off TSC-92 -</p> <p>pending merge of <a href="https://gerrit.onap.org/r/#/c/75999/">https://gerrit.onap.org/r/#/c/75999/</a></p>
	LOG openlab tenant devops cluster creation /testing	<a href="#">Michael O'Brien</a>	Done pending vFW	IN			<p>We have 2 clusters a 1+4 and 1+13 used for testing deployments and running the vF</p> <p><a href="#">Logging DevOps Infrastructure</a></p>

	Wiki edits, RTD review	Michael O'Brien	OPEN	IN			Requiring Updates, Merges or Marked Deprecated
	Metric Streaming and Prometheus	Michael O'Brien Vaibhav Chopra	IN PROGRESS	IN	20181207		<p> <b>LOG-944</b> - Add Prometheus charts for kubernetes metric streaming into the L</p> <p> <b>LOG-773</b> - Prometheus integration with the Logging ELK stack for OPS <span>CLOSED</span></p> <p> <b>LOG-864</b> - Dynamic/Live Dashboard for Log Streaming Containers <span>CLOSED</span></p> <p>work with Vaibhav Chopra</p> <p> <b>OOM-1594</b> - Health monitoring for ONAP Platform <span>CLOSED</span></p> <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		<p> <b>SO-1440</b> - Re-add Filebeat sidecars to SO after 2-9 container refactor <span>CLOSED</span></p> <p><a href="https:// Gerrit ONAP.org/r/#/c/69947/">https:// Gerrit ONAP.org/r/#/c/69947/</a></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, L</p> <p><a href="https:// Gerrit ONAP.org/r/#/c/64767/">https:// Gerrit ONAP.org/r/#/c/64767/</a></p> <p> <b>LOG-943</b> - Common ONAP Elasticstack Artifacts <span>CLOSED</span></p> <p>revert to El-alto under  <b>LOG-936</b> - Common ELK Helm Charts <span>CLOSED</span></p>
	Team Members Thank you and review		OPEN	IN			<ul style="list-style-type: none"> <li>• Shane Daniel to be removed - moved on to AI work - thanks for everything doi</li> <li>• Lee Breslau</li> <li>• Luke Parker</li> <li>• Michael O'Brien</li> <li>• Dave Williamson</li> <li>• @Sanjay Agraharam</li> <li>• Lorraine Welch</li> <li>• James MacNider</li> <li>• Prudence Au</li> <li>• Anthony Manuel</li> <li>• Cheuk Yiu Horace Ip</li> </ul>
del	Review last 4 weeks since  <a href="#">LOG Meeting Minutes 2018-12-05</a>		IN PROGRESS				<ul style="list-style-type: none"> <li>•  <b>TSC-79</b> - LF Nexus3 routing slowdown starting 20181217 - 80-100x slo</li> <li>• <a href="https://lists.onap.org/g/onap-discuss/topic/onap_helpdesk_65866/28800220?">https://lists.onap.org/g/onap-discuss/topic/onap_helpdesk_65866/28800220?</a></li> <li>• <a href="https://wiki.onap.org/display/DW/Cloud+Native+Deployment#CloudNativeDepi">https://wiki.onap.org/display/DW/Cloud+Native+Deployment#CloudNativeDepi</a></li> </ul>
	TSC /PTL meet actions		IN PROGRESS				<ul style="list-style-type: none"> <li>• TSC 2018-12-20</li> <li>• TSC 2019-01-03</li> <li>• PTL 2019-01-07</li> </ul>
	OOM transfer chart owners hip 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 serv</p> <p>There is a cd.sh retrofit that sequences the pods in order for deployment stability - th</p> <div> <b>LOG-898</b> - ONAP Deployment Resiliency changes to deploy without POD fail </div> <div> <b>LOG-326</b> - CD: OOM automated deployment script <span>CLOSED</span> </div> <p><a href="https://gerrit.onap.org/r/#/c/75422/">https://gerrit.onap.org/r/#/c/75422/</a> via ONAP Development#WorkingwithJSONPath</p> <div> <b>DCAEGEN2-4067</b> - Deploying DCAEGEN2 late in a sequenced deployment w </div>
	k8s manifest or oom values. yaml for docker tags - truth	Michael O'Brien	IN PROGRESS		20190123		<div> <b>TSC-86</b> - Lock down docker image tag name source of truth - oom values.yam </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> <b>TSC-79</b> - LF Nexus3 routing slowdown starting 20181217 - 80-100x slower dc </div> <p>20181217-22</p> <div> <b>LOG-898</b> - ONAP Deployment Resiliency changes to deploy without POD fail </div>
	LOG compliance diagram /exercise	Michael O'Brien @Sanjay Agrapharam	IN PROGRESS		20181205		<p><a href="#">Log Streaming Compliance and API</a></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		<div> <b>TSC-25</b> - Task Force to implement CD (Continuous Deployment) <span>CLOSED</span> </div> <p>LOG is part of this poc</p> <p><a href="https://lists.onap.org/g/onap-discuss/topic/cd_task_force_tsc_25_meetings/2900164">https://lists.onap.org/g/onap-discuss/topic/cd_task_force_tsc_25_meetings/2900164</a></p>

- Team Members

- Review last 4 weeks since [LOG Meeting Minutes 2018-12-05](#)

**TSC-79** - LF Nexus3 routing slowdown starting 20181217 - 80-100x slower download times totalling 120+ hours - using nexus3/4.

- onap.cloud proxy for now CLOSED
  - [https://lists.onap.org/g/onap-discuss/topic/onap\\_helpdesk\\_65866/28800220?p=,,,20,0,0,0::recentpostdate%2Fsticky,,,20,2,0,28800220](https://lists.onap.org/g/onap-discuss/topic/onap_helpdesk_65866/28800220?p=,,,20,0,0,0::recentpostdate%2Fsticky,,,20,2,0,28800220)
  - <https://wiki.onap.org/display/DW/Cloud+Native+Deployment#CloudNativeDeployment-NexusProxy>

## Notes