

Logging Dublin Scope

- [High Level](#)
 - [Features](#)
 - [Logging Alignment before enhancement](#)
 - [Open Standards](#)
 - [Security](#)
 - [Infrastructure Improvements](#)
 - [HELM Hooks for Configuration](#)
 - [Monitoring](#)
 - [S3P](#)
 - [3rd party consumption alignment](#)
 - [Dublin Alignment](#)
 - [Deployment Model](#)
 - [Epics](#)
 - [Notes](#)

High Level

Features

see [ONAP Application Logging Specification - Post Dublin](#)

Follows deprecated - [Logging Casablanca Scope](#)

Key words are: out of the box, reuse components, iterative changes - not major spec changes.

There is one primary use case and one enabler use case

UC1: Provide for transaction tracing via search or dashboard for distributed transactions across ONAP components - enabled by the logs shipped to the ELK stack - in real time.

(the ELK stack is there - we just need to adjust log content - amount and format)

UC2: Provide for UC1 tracing via standardized logs - ideally via marker/mdc (label/key:value pair) markup

Logging Alignment before enhancement

Plan is to take the portal/sdk library - align the rest of onap to this library and then add marker/mdc (labels and key/value pair) support as required in phase 2

Work will include 1) verify pipeline 2) verify logback format

Open Standards

Look at a standard that will allow us to use standard parsing libraries all the way to eventual AI/ML by adopting a standard like open tracing.

Security

REST and HTTPS security

[LOG-494](#) - Getting issue details...

STATUS

Infrastructure Improvements

including filebeat sidecar anti-pattern/replacement, elk stack upgrade, deployment template, library language scope (python, swift...)

HELM Hooks for Configuration

https://github.com/helm/helm/blob/master/docs/charts_hooks.md

Monitoring

Investigate out of the box prometheus monitoring

S3P

backup/restore, security, log format monitoring, elk dashboards

3rd party consumption alignment

Lower in priority will be to align onap with requirements of Acumos and ECOMP for example - the focus will be on alignment of ONAP components only - to the primary goal of providing a transaction tracing system via the ELK stack.

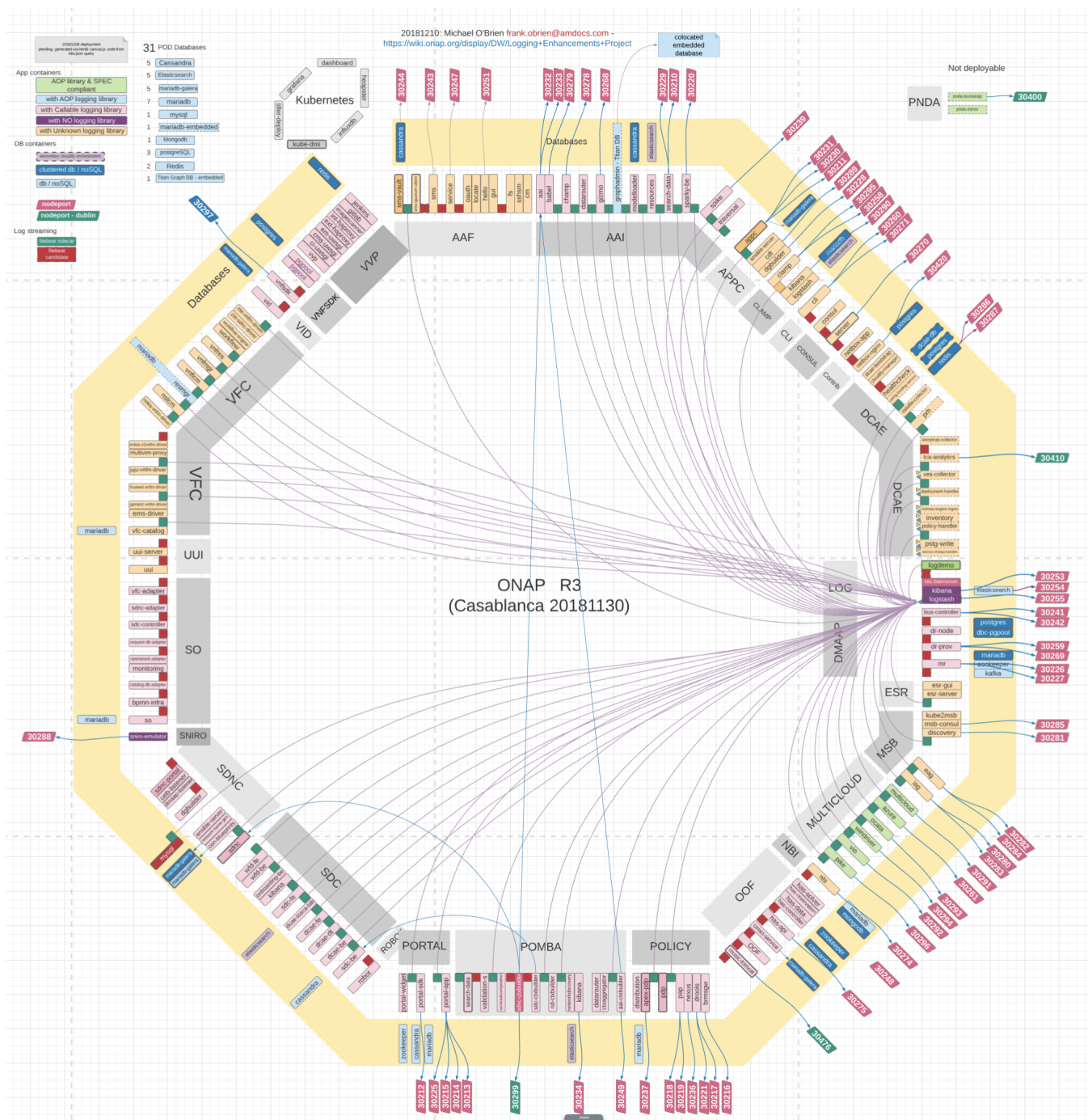
Dublin Alignment

[Release 4 \(Dublin\) Service Providers \(EUAG\) Requirements / Proposals](#)

[SP priorities for Dublin](#)

Deployment Model

In progress - was a one time casablanca static dashboard - will do an automated one with the Bell, Orange and Samsung guys



Epics

LOG-707 - Getting issue details...

STATUS

Commit or Stretch goal	Feature	Owner	Status	% complete	EPIC	Notes
commit	bugs			60%	SO-1110 - Getting issue details... STATUS	

	6.3 upgrade			0%	LOG-653 - Getting issue details... STATUS	Acumos and Clamp driven - need plugin/module support in 6.3 verify new filebeat version works verify indexes need upgrade strategy for future - index migration
commit	schema			50%	LOG-630 - Getting issue details... STATUS	
commit	search guard				LOG-494 - Getting issue details... STATUS	20181113 added to scope in LOG Meeting Minutes 2018-11-13
stretch	format standards for tracing				LOG-104 - Getting issue details... STATUS	
stretch	analytics				LOG-500 - Getting issue details... STATUS	Artificial Intelligence and Deep Learning
	shipping infrastructure	Michael O'Brien	starting	20%	LOG-487 - Getting issue details... STATUS LOG-852 - Getting issue details... STATUS SO-1110 - Getting issue details... STATUS	Verify infrastructure part 2 - add infrastructure to new pods
	log level management				LOG-800 - Getting issue details... STATUS	
	Content	Michael O'Brien		10%	LOG-178 - Getting issue details... STATUS	Verify log content
	Library	Michael O'Brien	20180809		LOG-600 - Getting issue details... STATUS	Portal has a library in SDK that is already used by AAI, SDC move up
	Security	Vinny Jagannath Shishir Thakore (until 20180815) Lorraine Welch Michael O'Brien			LOG-409 - Getting issue details... STATUS	
		Michael O'Brien	in progress	30%	LOG-95 - Getting issue details... STATUS LOG-118 - Getting issue details... STATUS	AOP wrapper of log4j library in LOG-115
	Deployment	Luke Parker	Prototype done need to retrofit		LOG-560 - Getting issue details... STATUS	
Stretch		Lee Breslau	Not started		LOG-480 - Getting issue details... STATUS	log testing tool

					LOG-190 - Getting issue details... <button>STATUS</button>	Pluggable devops
Stretch		Michael O'Brien	feasibility tested	10%	LOG-380 - Getting issue details... <button>STATUS</button>	expand on filebeat DaemonSet
		Michael O'Brien			LOG-169 - Getting issue details... <button>STATUS</button> LOG-180 - Getting issue details... <button>STATUS</button>	Filebeat alternatives fluentd
		Michael O'Brien			LOG-407 - Getting issue details... <button>STATUS</button>	debug for devs
		Luke Parker	submitted	90%	LOG-115 - Getting issue details... <button>STATUS</button>	SLF4J demo library
El-alto	CLAMP and VES alignment with Logging ELK				LOG-956 - Getting issue details... <button>STATUS</button>	

Q: [Tony Hansen](#) Q about library support beyond java like Python, - heads up to MultiVim team when the spec (29 fields is approved by the arch meet next week) - to realign

Q: need a way to combine the 3 users of python and their separate libraries

Notes

Architecture revisit - should we adjust our ELK stack to use for example fluentd, or add prometheus

[LOG-773](#) - Getting issue details...
 STATUS