

LOG M1 (Beijing) Candidates

Configuration Rollout:

- Dual appenders for the duration of R2
 - EELF - `/var/log/ONAP_EELF/{component}/{subcomponent}/**`
 - Indexable - `/var/log/ONAP/{component}/{subcomponent}/**`
- Template-based canonicalization. (See OOM).
- Revisit retention, etc.
- Retire Log4j1.2.
- **Technical debt.**


Guidelines II:

- MDC semantics (existing MDCs)
- Usage, best practice
- Code examples
- Synthetic reference component:
 - REST service WAR
 - Minimal; just logging.

Invocation IDs and Call Graphs:

- Add InvocationID MDC
- Add Marker support
- Retrofit EELF to emit Markers.
- Reporting association (one or both of):
 - Message convention
 - Dedicated MDC

OOM:

- Logfile persistence:
 - Necessity.
 - Performance of certain volume types.
- Discrete Filebeat deployment.
- Provider configuration:  **OOM-460** - Segregating configuration of ONAP components CLOSED
 - Externalized as ConfigMaps
 - Parameterized by Helm.
- **Technical debt. expand?**


QA:

- Context propagation II. (Bugs raised ONAP projects).
- Applying conventions II. (Bugs raised ONAP projects).
- Upgrade interaction between two key ONAP components:
 - Reference configuration.
 - Value vs. effort. (That is, the most valuable also represent the largest effort, e.g. SO controllers).
- **Technical debt. expand?**

APIs:

- Annotations for automatic logging.
- APIs and abstractions (higher order).
- EELF enhancements (lower order)

CI:

- Jenkins targets. <https://jenkins.onap.org/view/logging-analytics/> and  **LOG-422** - LF: Add Jenkins ONAP JobBuilder infrastructure for logging-analytics repo CLOSED
- Deployments and automated tests. - see [Auto Continuous Deployment via Jenkins and Kibana](#)
- (Must be visible to ONAP. Dodged this in R1, but cannot in R2).

Other:

- Carrier grade.
- DMaaP appenders.
- Heat.
- ...