

# Dublin Release: DMaaP working sessions

## Purpose

Frequent meetings for ONAP Dublin Release contributors to discuss scope, requirements and development progress on Datarouter.

## Logistics

**Community Meetings & Calendar** - See for further details

**Wed 9am EST:** DR working session & DMaaP status meeting

Connection Details:



#dmaap No.2

Join from PC, Mac, Linux, iOS or Android <https://zoom.us/j/987639384>

One tap mobile +16699006833,,987639384# US (San Jose) +16465588656,,987639384# US (New York)

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## DMaaP Working Session Agenda

- Blocking Issue (status, new?)
- Open Issue (status, new?)
- Project Management - Jira-based discussion of status

## Issue Tracker


Open Items:


Ref	Blocking?	Status	Component	Description/Notes
44		Open	All	<p><b>Communication to register DR Node &amp; BC</b></p> <p>DR node reg with BC client? - Hook is in place, values need to pass still to be determined</p> <p>post install hooks, flag can be added to keep alive (if post install jobs are completed they are deleted, flag is to allow them to not be deleted)</p> <p>04/24: potentially call meeting next week with Jack Lucas, when we have resolved RC0 issues</p> <p>05/01: Demo done at DCAE meeting - link to be added</p> <p>Jack is currently on holidays (return date - 5/5) , can we use same logic as demoed?</p> <p>Wednesday meeting(5/8) to discuss this in greater detail?</p> <p>5/8: Meeting with Jack postponed to 5/15</p> <p>5/13: Jack not available on 5/15. Dom to meet with Jack on 5/14 to have initial discussion.</p> <p>Reference wiki page: <a href="#">DMaaP Edge Deployment</a></p> <p>5/15: Dom spoke with Jack. wiki page above updated. Review today.</p> <p>5/22: Jira tickets for El Alto already created. Need little bit redesign and more discussion with the OOM team.</p> <p>5/29: Continuation with POC.</p> <p>6/5: Mike Elliott will be scheduling a meeting to further discuss. Fiachra trying core-dns plugin with rke.</p> <p>6/19: had meeting with Mike Elliot before DDF. Not much progress.. reviewed what's in progress.</p>


51		Closed	All	<p>RC0 moved to 5/2.</p> <p>4/29: Mandar to create checklists, teams to review</p> <p>5/1: Review checklist</p> <p>5/3: Open Jira tickets to be looked at and either moved to El Alto or closed</p> <p>5/10: WIP</p> <p>5/25: Mandar to double check the remaining tickets</p>
56		Closed	All	<p>El alto - 3 month cycle, further details needed</p> <p>no more details on this</p> <p>5/22: DMaaP teams to create a high level list of items that they want to cover in El Alto and review on 6/5.</p> <p>6/5: Is Jonathan going to provide a template for a init container for certificates in El Alto? This could be an item for all in El Alto. Mandar to check with Jonathan.</p>
57		Open	All	<p>Global jib vs nexus staging for El Alto - more details to follow</p> <p><a href="#">PTL 2019-04-29</a></p> <p>5/01: Need to discuss for El Alto</p> <p>reference wiki page: <a href="#">global-jib Migration Tracker</a></p> <p>05/13: Mandar to find if more documentation is available.</p> <p>05/22: Checked with Jess. She mentioned at the moment only projects with no other dependencies are being handled. Since DMaaP has dependency on AAF, AAF has to be done first. We can start working on this once Dublin is released.</p> <p>5/25: Mandar to check with Jessica if this can be kicked off.</p>
63		Closed	All	<p>05/22: Create the Dublin branch - decide when this can be done.</p> <p>DR already branched Dublin.</p> <p>dbcapi done as well</p> <p>05/25: All projects branched. Closing.</p>





#### Closed Items:

Ref	Blocking?	Status	Component	Description/Notes
62		Closed	All	<p>RC1 checklist due tomorrow</p> <p>05/22: This was completed in time. Good to close.</p>
61		Closed	All	<p>05/13: find out info on cross company chat tool.. may be Rocketchat? - Mandar</p> <p>05/22: Rocketchat for #dmaap has been setup. Good to close this item</p>
60		Closed	MR	<p>05/08: follow up with contributors on open tickets related to sonar fixes</p> <p>05/22: this should be good to be closed as most tickets were addressed earlier and couple were moved to El Alto.</p>
59		Closed	MR	<p>05/03: MR certificate renewal in progress</p> <p>05/08: Changes merged. Closing.</p>
58		Closed	All	Kenny Paul to discuss opensource process issues with DMaaP team
55		Closed	All	<p>04/26: Committer status for Fiachra &amp; Mandar</p> <p>04/29: Forwarded on to Catherine, has to go through Ram</p>
54		Closed	all	<p>04/26: Patch into Casablanca, level of difficulty to be determined if this is a possibility</p> <p>An alternative is if there is a way to get workarounds/troubleshooting into the docs</p> <p>05/22: We should be good to update Casablanca documentation to document any workaround.</p>
53		Closed	All	<p><b>Managing container image tags</b></p> <p><a href="https://wiki.onap.org/display/dw/managing+container+image+tags">https://wiki.onap.org/display/dw/managing+container+image+tags</a></p>




52		Closed	DR	<p><b>DR transaction logs approach</b></p> <p>Mail sent form Dom</p> <p>Just wanted to give you heads up on a change to DR made to AT&amp;T version: transaction log archiving moved from MySQL to ELK.</p> <p>Reasons:</p> <ul style="list-style-type: none"> <li>• Mysql couldn't keep up with daily volume</li> <li>• Offload transaction archives where space can be managed independently</li> <li>• Common GUI (kabana) for examining logs</li> <li>• DR LogAPI can still interface to ElasticSearch API</li> </ul> <p>I recall that you already were doing something with filebeat in the ONAP version, but I have to admit that I haven't followed it closely.</p> <p>So, perhaps you are already applying this approach to DR transaction logs?</p> <p>But if not, I think we should consider the approach chosen by AT&amp;T so that the DB is only used for provisioning data.</p> <p>04/24:</p> <p>why?</p> <p>Data up to 24 hrs max</p> <p>Solution: Create ticket to track/implement this (EL Alto)</p> <div>  <a href="#">DMAAP-1488</a> - [DR] Migrate MySQL transaction log archiving to ELK <span>CLOSED</span> </div>
50		Closed	All	<p><b>Security Vulnerabilities resolved immediately.</b></p> <p>4/19: Mandar to review current status.</p> <p>4/22: Mandar sent email listing vulnerabilities. PLEASE REVIEW ASAP.</p> <p>4/24: DR gerrit up for review</p> <p>Jira ticket ticket for OOM - see mail from Mandar (not sure we have a vulnerability)</p> <p>04/26: Seccom have closed the dmaap ticket in relation to vulnerabilities</p>
49		Closed	All	<p><b>Pairwise Testing finished by RC0</b></p> <p>4/19: DMaaP pairwise will be with AAF. Certify that this was done without issues.</p> <p>4/23: Need to verify components with AAF, check to see if integration project create wiki where results updated</p> <p><a href="#">Integration Weather Board for Dublin Release</a></p> <p><a href="#">DMaaP Pair Wise Testing for Dublin Release</a></p> <p>04/29: BC Failing health check - integration</p> <p>AAF BC ID has changed, permissions are missing in AAF</p> <p>Soln:</p> <ul style="list-style-type: none"> <li>- Back out AAF ID change</li> </ul> <p>or</p> <ul style="list-style-type: none"> <li>- Johnaton to update AAF DB (helm charts not updated)</li> </ul> <p><a href="https://gerrit.onap.org/r/#/c/85369/">https://gerrit.onap.org/r/#/c/85369/</a> &amp; use of windriver env might assist to overcome these issues for testing purpose</p> <p>05/01: AAF potential issue getting through OOM review process</p> <p>05/03: still waiting on merge from OOM/AAF</p> <p>05/06: Dmaap-bc and dbc-client images to be released today 5/6</p> <p>05/08: Closing this as all issues are addressed</p>
48		Closed	DR	<p><b>DR Staging Healthcheck issues</b></p> <p>04/10: OOM Staging Healthcheck which was failing should be ok, just waiting for that to be merged</p> <p>04/15: OOM not merging stuff - Brian Freeman has listed containers with issues (staging only?)</p> <p><a href="https://gerrit.onap.org/r/#/c/85091/">https://gerrit.onap.org/r/#/c/85091/</a></p>
47		Closed	BC, MR	<p>Cil Badging, DR at 89% silver, mail sent to BC and MR</p> <p>04/15: All components over 80%</p>
46		Closed	BC, DR	<p>Casablanca release notes - only points towards MR</p> <p>Randa to get back to Mandar</p> <p>04/15: All is good here and merged</p>

46		Closed	DMaaP	<p><b>M4 Checklist</b></p> <p>This is a reminder that we need to review/discuss about the M4 checklist <a href="#">here</a></p> <p>04/17:</p> <ul style="list-style-type: none"> <li>• <del>Mander has updated the M4 freeze doc with non root and CSIT showing complete.</del></li> <li>• Need a plan to complete swagger docs before RC2.  <b>DMAAP-922</b> - [DMAAP] Integration with Swagger <span>CLOSED</span></li> <li>• What other docs are a requirement for release (like readthedocs etc)?</li> </ul>
45		Closed	BC, DR	<p><b>Default feed/sub creation</b></p> <p>post install - default feed and default subscription (to be reviewed at Monday call)</p> <p>04/15: Dependency on AAF being up and running (if so all is good)</p>
43		Closed	All	<p>04/01 - Helm deploy fail when DMaaP deploy on own - only deploying bc post install</p> <p>Sunil has seen timeout issue - DOM looking into how best to facilitate this</p> <p>recommend to use commit shared above in <a href="https://gerrit.onap.org/r/#/c/83671/">https://gerrit.onap.org/r/#/c/83671/</a></p> <p>Tested the above patch (WITH AAF ENABLED) and deployed successfully.</p> <p>04/03: All is ok once tested with Patch above</p> <p>if one job doesn't finish others might not run</p> <p>BC will allow others to provisioning topics/feed during run time</p> <p>Mirror Maker crash loop - 500 error</p> <p>04/08: Issue not reproduced. If item has not been reproduced item will be closed</p> <p>04/10: Bug in topic provisioner - fixed and merged</p> <p>Latest jar has been tested with no issue</p>
42		CLOSED	All	<p>Anyone wishing to make changes to OOM in relation to DMaaP should discuss with DMaaP team in advance.</p> <p>Similar tasks been worked on in parallel (duplication of effort) - <b>COLLABORATION</b> is the key</p> <p>Sunil has his commit up, PM mapper guys have OOM changes</p> <p>04/08 ITEM CLOSED</p>
42		Closed	BC	<p>New image is needed to be released, Dom to secure via Jessica with PTL +2</p> <p>03/27: image has been released.</p>


41		Closed	All	<p>3/18: New ask from security team. HTTP ports should not be exposed for any of the components. Only HTTPS ports should be exposed. Action for all to remove exposure of component's HTTP port by M4-Dublin</p> <p>03/20: Conflicts with OOM request to have ability to disable TLS</p> <p>Need Mandar to get clarity on which way to turn - seems like without a good certificate solution we are shooting ourselves in the foot - Dom to ask his security contact</p> <p>3/26: clarification from Security Team:</p> <p>"Dom, I had a conversation with Amy this morning on this topic. Here are some key points from our conversation.</p> <ul style="list-style-type: none"> <li>◦ TLS must be enabled by default out of the box, but can be disabled for testing purposes.</li> <li>◦ Any port exposed outside of a POD should be protected by default by TLS. This includes communication between PODs.</li> <li>◦ Communications between containers within a POD do not need to be protected by TLS. How else would ISTIO work?</li> <li>◦ This isn't actually a new ask, as the issue was raised in the Casablanca and Beijing releases. It's just become more important.</li> </ul> <p>Amy, care to add anything?</p> <p>Tony"</p> <p>3/27: DMaaP team thinks we should be compliant with this because:</p> <ul style="list-style-type: none"> <li>• TLS is supported by all components</li> <li>• non-TLS ports could be disabled by an OOM flag. TBD</li> </ul> <p>Mandar to follow up w TSC</p> <p>03/29: Mandar to ask Amy directly</p> <p>04/01: Awaiting response from Amy - Can we use the overwrite file (flag bullet point above)</p> <p>is the proposal to have "non-TLS ports could be disabled by an OOM flag. TBD" by default and have overwrite file to enable it</p> <p>Mandar to inquire about DMaaP ports and downstream apps that use DMaaP</p> <p>04/03: still no response - mandar will inquire later</p> <p>04/08 Amy from security is fine with the flag (Not required for Dublin)</p> <p>flag is to be named "allow_http" set to "false" by default.</p> <p>Fiachra to created Jira and close this point.</p> <div data-bbox="506 993 1128 1039">  <b>DMAAP-4153</b> - [DMAAP] Implement boolean flag in OOM to disable HTTP ports <span>CLOSED</span> </div> <p>04/08: ITEM CLOSED</p>
40		Closed	All	<p>03/15: All to review and report back</p> <p><a href="#">ARC DMaaP Component Description - Dublin</a></p> <p>04/01: Mandar reviewed and may need clarification on one or two points</p>
39		Closed	All	<p>03/06: M3 template and discussion next Monday</p>
38		Closed		<p>03/04: Need to try and arrange a meeting with Mike Elliot and Sunil to represent from a MR point, Mandar to see if Friday is suitable - see what happens at today's meeting</p> <p>03/13: Meeting happened - operational reqs - doesn't make much sense</p> <p>they will introduce Jira tickets - we will review and if we agree then we will proceed *EI Alto timeframe</p>
37		Closed	All	<p>03/15: 55% code coverage target is for M4</p> <p>03/20: code and line coverage to be &gt; 55%</p> <p>04/01: DR approx at 60%</p> <p>Mandar working on code coverage for MR</p> <p>04/03: Dmaap client and BC (52%) is only outstanding concern</p> <p>04/10: Dom going to work on</p> <p>04/12: Overall coverage is &gt; 55%</p>





36	Blocking	Closed	DR	<p>DR AAF Certificates expired - DR broken in Casablanca now.</p> <p>Possibly generate new certs.</p> <div>  <a href="#">DMAAP-1048</a> - [DR] AAF certs expired on dmaap-dr-prov and dmaap-dr-node <span>CLOSED</span> </div> <p>02/22: Johnaton to supply fresh ones</p> <p>02/27: Certs updated and merged for Dublin &amp; Casablanca</p> <p>Need to get new artifacts released per release - mail sent to Ram/Mandar</p> <p>03/01: Artifacts released - Code up and awaiting merge and release documents updates needed</p> <p>03/04: Master - code needs to be merged in OOM</p> <p>Casablanca - Process (Post maintenance release process to be determined) to get change into this release - 3.0.1 tag is already created - due to be discussed at PTL meeting 11 Mar 2019</p> <p>-----</p> <p>Dmaap 1066 follow up to see if related - replica DB failed to come up (Closed)</p> <p>Dmaap 1076</p> <p>03/15: An overall ticket - to bundle all changes in together - Mandar to source ticket (power point in relation to release?)</p> <p>03:18: updates from Mandar:  PPT: (TSC policy for maintenance releases)  <a href="https://jira.onap.org/secure/attachment/13434/Prosals%20for%20a%20TSC%20Policy%20on%20ONAP%20Release%20Maintenance-pa5.pptx">https://jira.onap.org/secure/attachment/13434/Prosals%20for%20a%20TSC%20Policy%20on%20ONAP%20Release%20Maintenance-pa5.pptx</a></p> <p>Tickets: <div>  <a href="#">TSC-140</a> - Casablanca MR 3.0.2 for Certificate Expiry changes <span>CLOSED</span> </div> </p> <div> <input checked="" type="checkbox"/> <a href="#">TSC-120</a> - Emergency Casablanca Release to address the certification expiration <span>CLOSED</span> (dup of 119) </div> <p>All changes related to this cert expired issue should be committed before 3/25. Casablanca 3.0.2 will be released on 3/25.</p> <p>03/22: awaiting for merge to solution</p> <p>03/29: Bulk PM use case verified on Casablanca wind river environment</p> <p>04/01: Release new image with cert of 12 month duration - working on this</p> <p>04/03: Waiting on OOM review to sign off on this</p> <p>04/05: Code merged in OOM.</p>
35		Closed	All	<p><b>Logging</b></p> <p>02/15: Mail sent from Emmett - any feedback in relation to this?</p> <p>Is it Mandatory or not?</p> <p>Manageability as part of platform maturity requirements</p> <p>Target level is 2 for Dublin - mandatory</p> <p>02/27: Create EPIC -</p> <p>03/11: Epic created in Jira : <div>  <a href="#">DMAAP-1077</a> - [DR] Support for manageability maturity target level - application logging <span>CLOSED</span> </div> </p> <p>03/15: appears to be a stretch goal for existing components</p> <p>04/08 Code up for review emmet to provide link</p> <p>04/08: Code review for updating DR to log under a single logging system: <a href="https://gerrit.onap.org/r/#/c/78851/">https://gerrit.onap.org/r/#/c/78851/</a></p> <p>04/12: DR code should be merged in early next week</p> <p>04/17: Code in oom with +2 yet to be merged.</p> <p>04/26: Include item 52, DR transaction log approach</p> <p>05/03: No update. Possibly going into El Alto</p> <p>05/13: DR completed (see 52). Tickets to be opened for BC/MR for El Alto.</p>
34		Closed	DR	<p>02/13: Dynamic handling of feed creation/subscribing to feed</p> <p>BC API has a 2 step reg processes</p> <p>query on feed name</p> <p>determine feed ID</p> <p>add subscriber to feed ID</p> <p>an enhancement: support optional feed name in the addition to subscription API</p> <p>02/15: Dom to create Jira Ticket for enhancement <div>  <a href="#">DMAAP-1046</a> - [BC] Bus Controller support adding DR Subscriber by FeedName <span>CLOSED</span> </div> </p> <p>02/20: this ticket, no impact on DR</p>













33		Closed	All	<p>02/13: Docker Hub - Paul to send on mail</p> <p>02/15: PTL to create own id, Mandar has created</p> <p>ONAP - discuss mail from Jessica</p> <p>Need to change <a href="#">Docker</a> tags - all</p> <p>02/22: Gerry in talks with Sunil - might need to alter approach if fabric plugin is way forward</p> <p>02/22 Gerry to stick with spotify plugin</p> <p>02/27: Parent pom mightn't be possible with multi component modules - still investigating</p> <p>03/01: Work ongoing</p> <p>03/04: Commit up for review</p> <p>03/06: verification ongoing</p> <p>03/08: closing as been tracked by aplin vs ubuntu discussion with CIA team</p>
32		Closed	All	<p><b>Ability to run containers as non-root user</b></p> <p>No more running as root on containers</p> <p><a href="#">Proposed Updates to Release Templates (Dublin) - Security Questions</a></p> <p>Is it required for M2 ?</p> <p>02/11 Doesn't need to be implemented by M2, nice to have for M4. (Try to plan for M4).</p> <p>Here's the link to the Jira where applications are being asked to update their impact and concerns regarding this item.</p> <div> <input checked="" type="checkbox"/> <a href="#">SECCOM-144</a> - Containers not running as root - Impact to Projects <span>OPEN</span> </div> <p>02/13: Dublin timeframe - Not mandatory, if possible complete, if not have a backlog item for EI Alto</p> <p>Mandar to update ticket</p> <p>02/15: ticket updated to work on this in EI Alto - Mandar to ask reporter how do we interpret this ticket?</p> <p>created ticket in backlog</p> <p>02/27: Is this related to Alpine solution - not clear</p> <p>New requirement : Wanted position to be part of Dublin</p> <p>03/04: Action to start investigating - how will this be verified - Mandar</p> <p>03/08: krzysztof to write script to enable verification -mandar to chase up</p> <p>"Actually the script can be merged into oneliner:</p> <pre>kubect! --namespace=onap get pods   tail -n +2   awk '{print \$1}'   xargs -d '\n' -l % kubect! --namespace=onap exec '% -- /bin/sh -c `ps aux   sed "s/^%t/"`   tee ps-all.txt</pre> <p>What it does it just exec into every pod and list processes that runs as a root. In general, if you run container using docker you can use user namespaces and match a root user inside the container to any uid on the host that you want but according kubernetes doc user namespace are not supported which effectively means that if sth runs as a root inside the container it is also a root on a host (just certain capabilities may be</p> <p>dropped)</p> <p>Best regards,</p> <p>--</p> <p>Krzysztof Opasiak"</p> <p>03/13: Mail forward onto team</p> <p>03/20: what is required, when is it achievable</p> <p>03/29: Required by M4 (think its delayed to 11/4?)</p> <p>04/01: work in progress for DR</p> <p>Code is Merged for DR - <a href="https:// Gerrit ONAP.org/r/#/c/83879/">https:// Gerrit ONAP.org/r/#/c/83879/</a></p> <p>MR - code is ready (images need to be released)</p> <p>04/12 - Dom working on BC to have this functionality</p> <p>04/17: Done for BC. Need to check if there are implications in oom deployment</p> <p>04/24: This has been released</p>

31	Blocked	CLOSED	All	<p>02/04: Discussion on Edge deployment commitments.</p> <p>Centralized ONAP Deployment (DMAAP + DCAE)</p> <p>DCAE k8s deployment - Epic  <a href="#">DCAEGEN2-4452</a> - DCAE Service Component Onboarding <span>CLOSED</span></p> <p>DFC -  <a href="#">DCAEGEN2-4456</a> - DFC DCAE design artifact support <span>CLOSED</span></p> <p>PM Mapper -  <a href="#">DCAEGEN2-4458</a> - PM-Mapper DCAE design artifact support <span>CLOSED</span></p> <p>DFC + Mapper instantiated at edge, central or both - dependency on DR and MR</p> <p>Service provider provision topic</p> <p>Work on it and review progress at M3</p> <p>02/06: is there a central registry - AAI (Vijay in communication with them)</p> <p>How do you retrieve edge locations? a label/name is what we need (need to be consistent with DCAE)</p> <p>Secondary consideration : how do we deploy component in edge and are aware of these - managing HELM charts?</p> <p>2/8: Dom started to capture approach based on ongoing meetings with OOM: <a href="#">DMaaP Edge Deployment</a></p> <p>02/13: Edge Deployment group asked for page to be reviewed with their team - DOM to forward out meeting call to all</p> <p>02/15: OOM meeting 13 Feb 2019 - Experiment with edge, DMaaP have volunteered to assist here</p> <p>lets wait for answer to whether or not to split out components might be solution going forward</p> <p>02/20: Mike to discuss further - OOM</p> <p>02/22: Mike still investigating this topic further</p> <p>Fiachra to look into why DR is structured the way it is? -see 02/27</p> <p>OOM losing personnel - CNI in particular to get HA K8s up and running - keep an eye on</p> <p>02/27: might have a solution for this part - mariadb sub requirement under dr-prov, issue in relation to helm with regard this</p> <p>OOM meeting - 3-4 to discuss further</p> <p>03/01: Mike to attend on Monday</p> <p>03/04: Mike is holidays week 11-12, need to ensure Conor commit gets merged</p> <p>Dom &amp; Sunil have changes to follow suit after Conor's merge</p> <p>03/06: James Mckinder (OOM team) having issues - potentially - not cleaned correctly - to be discussed at OOM meeting</p> <p>03/08: Code has been merged to facilitate component deployment in diff sites</p> <p>release name has release and component name in them - this is causing an issue for configMap at DMAAP level</p> <p>helm install vs helm deploy work differently - potential a bug in helm deploy</p> <ul style="list-style-type: none"> <li>can disable components to only deploy individual components (aids testing greatly)</li> <li><b>component changes:</b> helm variables expand are getting long, e.g. filebeat configmap for datarouter at dmapp resource level - component expands out to include component name - potentially move filebeat down into relevant level (keep all dmaap components independent - )</li> </ul> <p>03/15: Dom has done some great work on post install script - plan is to get the components and discuss plan going forward</p> <p>03/20: Patch set 4, awaiting a MERGE once merged Sunil has follow up changes - mirror maker</p> <p>03/22: Need to confirm if BC is working after merge (aaf permissions?)</p> <p>03/29: Commit up for review to resolve 03/22 issue</p> <p>Dom trying to release 1.0.5 -</p> <p>04/01 - Image released and updated -<a href="https://gerrit.onap.org/r/#/c/83671/">https://gerrit.onap.org/r/#/c/83671/</a> should resolve OOM issue (Code Merged)</p> <p>04/08: ITEM CLOSED</p>
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30		Closed	All	<p><b>Ubuntu vs Alpine Image footprint reduction</b></p> <p>02/01: Adolfo Perez-Duran</p> <p>The CIA team is preparing to submit contributions to DMAAP to migrate the base images to ONAP Normative Container Base Images.</p> <p>This migration is expected to reduce the image footprint and to enable multi-cpu architecture support for Dublin</p> <p>We expect the work to be minimally disruptive and to coordinate changes with tour team.</p> <p>ubuntu v alpine the talk continues</p> <p>02/13: Lots of chat on discuss chat - need it to settle down before we implement</p> <p>02/20: Frank Sandoval [<a href="mailto:frank.sandoval@oamtechnologies.com">mailto:frank.sandoval@oamtechnologies.com</a>] to provide an update !</p> <p>02/20: Dom, Conor &amp; Sunil to assist here</p> <p>Mandar to raise at TSC to see if the right course of action</p> <p>02/22: Change image &amp;</p> <p><b>Impacts: Hold off - will these reduce the container footprint? -Dosen't look likely, it is more to be uniform across ONAP</b></p> <p>1) suggested we change our Maven approach to use "fabric" plugin instead of spotify (support for this has discontinued) plugin</p> <p>2) use docker file instead of POM is recommended from spotify (currently we don't use except CSIT environment)</p> <p>02/27: lets pose question to frank</p> <p>02/27: Alpine is the decision for Dublin</p> <p>03/01: Questions mailed to Frank - awaiting response</p> <p><a href="#">see confluence spac</a></p> <p>testing changes - and need to send gerrit review to Dom</p> <p>03/08: Frank made changes in relation to Alpine images only</p> <p>(unit test seems ok, built in jenkins - images not pushed to docker repo - investigation ongoing?)</p> <p>Dom to check CSIT tests,</p> <p>Gerry to see if DR have similar issue)</p> <p>03/13: Need to chase up with Frank in relation to jenkins build not pushing up images</p> <p>new image name is bc - oom changes pending</p> <p>03/15: Frank merged 4 commits today, Dom &amp; Sunil to be put on review</p> <p>03/20: Worse - images not getting pushed, old images are no longer there</p> <p>CI-MGMT - where is the review? Dom to reach out</p> <p>03/22: Switch to Alpine broke 2 things in BC</p> <ul style="list-style-type: none"> <li>• Script to install cert auth to trust store</li> <li>• Curl commands missing</li> </ul> <p>Jira number is DMAAP-1120</p> <p>DR our daily builds are failing - Frank investigating</p> <p>New CI - MGMT push has impacts on Casablanca jobs ( not using Alpine ) - is a bug required here? Potentially only effects DR</p> <p>03/29: MR having issues, CIA team looking into</p> <p>04/03: Frank from CIA team still working on this</p> <p>04/08 Just waiting on MR (still working on, CIA story (there responsible)</p> <p>4/19: completed update and now testing, but not committed yet</p>
29		Closed	All	<p>do we need to support the previous releases - Mandar to follow up</p> <p>01/30: Catherine to bring up with TSC - Upgrade tickets to Casablanca (NO is the answer for now)</p>
28		Closed	BC	<p>Should we create a ticket - for BC to sync with MR/DR (an enhancement)</p> <p>02/05: Jira created  <a href="#">DMAAP-1024</a> - [BC] Periodic bus-controller sync of MR &amp; DR provisioning data <span>CLOSED</span></p>


27		Closed	All	<p><b>Swagger implementation?</b></p> <p>01/28: Swagger is a requirement for Dublin Release (S3P requirements) ?</p> <p>What are the expectations here? Whom can we discuss with? - Sofia Wallin,</p> <p>01/30: Rich Bennett Mail on this - still cryptic - is it Mandatory - requirement in Platform Maturity</p> <p>02/06: Dom sent mail looking for clarification - Erik has yet to respond?</p> <p>02/20: Still no word</p> <p>02/22: Erik to document what is required</p> <p>02/27: Still nothing from Erik documented</p> <p>03/01: Tom to chase Erik up</p> <p>03/08: Erik to documented beginning of next (hopefully)</p> <p>03/13: Attend documentation this week</p> <p>03/15: read the docs vs swagger files and what are they exactly looking for</p> <p>03/29: Erik has code, just needs to merge (tom to chase up)</p> <p>04/12: <a href="https://logs.onap.org/production/vex-yul-ecomp-jenkins-1/doc-master-verify-rt/4424/html/guides/onap-developer/how-to-use-docs/api-swagger-guide.html">https://logs.onap.org/production/vex-yul-ecomp-jenkins-1/doc-master-verify-rt/4424/html/guides/onap-developer/how-to-use-docs/api-swagger-guide.html</a></p> <p>need to create annotations for API's</p> <p>04/15: JSON for DR is complete, need to figure out where it goes, potentially just a link to download</p> <p>04/17:  <b>DMAAP-922</b> - [DMAAP] Integration with Swagger </p>
26		Closed	DMaaP	<p><b>Component Creation - Jira</b></p> <p>01/22: Component creation in Jira for DMaaP project:</p> <p>I do not posses "Project" admin rights in JIRA, I only posses DMaaP board rights</p> <p>04/17: Backlog complete with prefixes per component</p> <ul style="list-style-type: none"> <li>• [BC]</li> <li>• [MR]</li> <li>• [DR]</li> <li>• [DMAAP] - Encapsulates all components as effected</li> </ul> <p>Only outstanding thing is</p> <ul style="list-style-type: none"> <li>• sub-tasks</li> <li>• We need to continue to implement the prefix going forward</li> </ul>
25		Closed	DR	<p>01/22: No permission to view security vulnerabilities in relation to</p> <p><a href="https://jenkins.onap.org/view/CLM/job/dmaap-datarouter-maven-clm-master/">https://jenkins.onap.org/view/CLM/job/dmaap-datarouter-maven-clm-master/</a></p> <p>Solution in Casablanca was to get Dom/Sunil to go walk us through each vulnerability detected by CLM scan</p> <p>01/23: Conor now has permission to access these scans - so no longer an issue</p>
24		Closed	All	<p>Windriver environment - need to inform to Stephen Gooch if we require access to these environments prior to end of week</p> <p>01/28: Mandar sent mail</p>
23		Closed	All	<p>Remove any tagged stories/tasks in casablanca/beijing release - if important enough we can tag with Dublin</p> <p>status != Closed AND status != Done AND project != "Sandbox Project" AND project != CI-Management AND project != "ONAP TSC" AND project = DMAAP and fixVersion != "Dublin Release" ORDER BY priority DESC, updated DESC</p> <p>Sunil &amp; Bhanu to take off line for now - in relation to MR</p>
22		Closed	5G Use Case	<p>Heat vs Helm? can we remove the heat discussion altogether</p> <p>Tom to get back</p> <p>02/13: Catherine confirmed OOM is only way forward in Dublin</p>
21		Closed	All	<p><del>Milestone 1: 17 Jan</del></p> <p>Jira Epics and user stories need to be created by this date</p> <p>01/07: Bhanu to chat with PTLs to see about platform maturity</p> <p>01/16: M1 Postponed by a week I think (see <a href="https://lists.onap.org/g/onap-release/topic/29128816">https://lists.onap.org/g/onap-release/topic/29128816</a> for further details) - new date 24 Jan 2019</p> <p>To be reviewed and updated by Monday</p>
20		Closed	MR	<p>Authentication -Tomasz to create new Jira and to cater for basic auth</p> <p>AAF team to dynamically generate certificates - generic issues Tomasz to cross check with AAF team</p> <p> <b>DMAAP-865</b> - [BC] Authorization Model for adding clients to (AAF authorized) topics  Tomasz updated based on Sunil review</p> <p>01/14: Work to be delayed for few weeks</p>

19		Closed	DR	<p>Issue in onap-discuss with Casablanca - DR not instantiating correctly.</p> <p>Workaround posted into onap-discuss.</p> <p>Investigating cause of issue</p> <p>01/07: SO having similar issues with MariaDB</p> <p>- not much follow up on discuss board</p> <p>01/16 : in contact with OOM team in relation to this</p> <p>01/21:  <a href="#">DMAAP-964</a> - [DMAAP] DMAAP deployment failures starting 20190115 on casablanca branch  handling this</p> <p>01/28: Integration team going to create a new ticket? -</p> <p><a href="https://jira.onap.org/browse/DMAAP-1010">https://jira.onap.org/browse/DMAAP-1010</a> ??</p> <p>02/06: Hoping OOM can assist - issue seems to happen on an AWS platform</p> <p>Integration team tested against WindRiver</p> <p>Sunil has seen in his local environment - He will share the link</p> <p>Going forward we are going to try the timeout solution.</p> <p>02/11 common mariadb-galera chart now used in oom, testing that.</p> <p>02/13: Passing in OOM environment last couple of days</p> <p>Will continue to monitor it to see if it can be reproduced.</p> <p>02/15: Tom to mail Mike in relation to <a href="https://jenkins.onap.org/view/External%20Labs/job/lab-windriver-oom-daily/">https://jenkins.onap.org/view/External%20Labs/job/lab-windriver-oom-daily/</a> failures</p> <p>02/20: Licence Expired - Johnaton to supply new set- 1048</p>
18		Closed	All	<p>12/10: Helm Charts OOM location folder?</p> <p>Central charts - OOM to decide upon?</p> <p>Mark Scott to investigate if answer can be given by OOM</p> <p>01/07: one set of charts with variable(what is this variable) for central vs edge</p> <p>01/09: What OOM Jira ticket is related to this - post clear comment OOM</p> <p>01/14: While the timing of  <a href="#">OOM-1249</a> - Transfer DMaaP artifacts  is relevant to the answer for Issue 18,</p> <p>I think  <a href="#">OOM-1452</a> - Multi-cluster support via Helm deploy  gets more to the heart of the questions we have.</p> <p>DOM created sub-task  <a href="#">OOM-1459</a> - Central/Edge indicator convention in Helm charts  - any clarification/points we need addressed - we should state here</p>
17		Closed	DR	<p>Compressed/decompressed - not a new service ? Whose impacted by this</p> <p>extend provisioning API (optional parameter) - only support gzip decompression</p> <p>12/12: more value outboard the service going forward</p> <p>17/12: data quality checks - trying to avoid</p> <p>solution to think long term</p> <p>01/14: For now, Implement as part of DR functionality whilst aligning with AT&amp;T and to ensure it is extensible &amp; ease of extraction</p>
16		Closed	DR	<p>12/10: Marcin to update Node Servlet to improve logging</p> <p>12/17: Marcin sent on mail and is to create Jira ticket to track changes -  <a href="#">DMAAP-923</a> - [DR] DMaaP-DR Node NodeServlet refactoring </p>
15		Closed	All	<p>12/10: New bridge needed asap for DMaaP to open up discussions to all community</p> <p>01/07: Follow up with Catherin lefevre</p> <p>01/14: Kenny Paul Zoom Bridge working on it</p> <p>01/16: 1 slot - available (Bhanu to update time slot)</p> <p>01/21: Mon/Wed/Fri - see above logisitcs for times or <a href="#">Community Meetings &amp; Calendar</a></p>
14		Closed	All	<p>12/5: Fixing code smells in advance of critical and blocking bugs - can we merge the code?</p> <p>use caution!!!! time consuming and not very productive</p> <p>Bhanu to raise at PTL call to add meaningful code only</p> <p>Anyone wishing to contribute must be willing to participate in call</p> <p>Bhanu unavailable after 18th -</p> <p>01/14: Sonar warning fixes -discussion on ONAP discuss - to be eradicated (need to be part of use case to be involved)</p> <p>01/16:  <a href="#">DMAAP-929</a> - [BC] DrProvConnection.java - Remove unused import  as a recent example</p>

13		Closed	DR	<p>12/03: PM Mapper acknowledgment - mail from DOM (a hack - can we recommend alternative)</p> <p>DR not originally designed for this functionality</p> <p>12/10: New API ("Privileged") - Private Document proposal !! Mark to send around pictorial</p> <p>Whose impacted by this !</p> <p>12/12: Alternative soln proposed - need to investigate and get apps on board</p> <p>01/09: assumption dcae ms shall have not persistence - false assumption DCAE team</p> <p>01/14: individual DCAE components have some persistence, but state/persistence across components it will not have</p> <p>Option B is the agreed plan going forward</p>
12		Closed	All	<p>11/28: Check with ONAP sprint timings and should we sync with that?</p> <p>12/10: Tom to chase up</p>
11		Closed	All	<p>11/26: Confirm OOM K8s deployment strategy. Single cluster?</p> <p>11/28: Single K8s cluster deployment confirmed.</p>
10		Closed	All	<p><b>DR statefulness</b></p> <p>11/21: Reviewing requirements for statefulness of multiple components. For DR, files in transit need to persist.</p> <p>11/26: Preliminary plan is to use StatefulSet in K8s.</p> <p>11/28 StatefulSet with Headless service for DR in Dublin</p>
9		Closed	DR	<p><b>DR TLS</b></p> <p>10/20: Fiachra initiated an email thread about how Datarouter components might scale, which interfaces require TLS, and how certificates need to be managed.</p> <p>10/22: Dom suggested we include kubernetes design considerations, and try to identify specific use cases to drive requirements on AAF (assumed CA capability)</p> <p>10/22: Dom to document AT&amp;T ECOMP conventions for certificates</p> <p>ECOMP conventions:(assumes VM per component) for SSL certificates:</p> <ul style="list-style-type: none"> <li>◦ CN = hostname.deploymentDomain</li> <li>◦ SAN = serviceName.deploymentDomain (used for MR and DR Prov servers - clients reference the serviceName, which needs to be provisioned in DNS)</li> </ul> <p>....doesn't really help us think through the problem for DR Node.</p> <p>11/21: TLS solution between DR components and any clients of the API (DCAE Data File Collector, DCAE PM Mapper).</p> <p><a href="#">Jonathan Gathman</a> mentions AAF Certificate Manager which is available for auto config in Casablanca. Several strategies available:- Common SAN in x509s, NFS cert store, etc.</p> <p><a href="#">Ramprasad Koya / Bhanu Ramesh</a> Recommendation is to involve PTLs in Dublin planning for component security requirements.</p> <p>12/10: SecCom discussing this</p> <p>01/09: Tony Hansen - AAF supplier of SSL certs &amp; AAF &amp; Istio how the relationship between them - wait till M2</p> <p>01/21: greater uncertainty in relation to istio in Dublin release? (Mike Elliot)</p> <p>01/23: DCAE : At F2F in Paris - istio implemented as a sidecar - OOM don't know how to deploy using k8s</p> <p>Status quo impact on DMAAP - if istio is implemented aaf will need to alter</p> <p>Mandar can u check with TSC committee? Is ISTIO a proposal or mandatory for Dublin? and if so is there any expected impacts</p> <p>02/01: Not mandatory - POC in progress Istio</p> <p>02/06: No Dublin Impact</p>

8		CLOSED	DR	<p>11/21: How to handle registration / provisioning of a new dr-node instance to an existing and/or "edge" DR deployment.</p> <p><a href="#">Dominic Lunanuova</a> recommended to use bus-controller api. Existing script in OOM BusController deploy.</p> <p>Is there a k8s way to do this "registration / unregistration"?</p> <p>12/5: Deploy DR node, thinking on how you register to the API of BusController -</p> <p>12/12: Similar issues across ONAP teams - continue to discuss with OOM team</p> <p>DMAAP-534</p> <p>01/28: Mail thread in relation to this - should DR move to CADI to incorporate AAF roles (good ideal)</p> <p>Sunil might run through on Fri</p> <p>02/01: CADI - Steps sent onto Mariusz</p> <p>Role based access will remain under AAF</p> <p>02/04: DR looking into integrating AAF for provisioning via BC</p> <p>02/06: Fiachra in discussions with Sunil to resolve and need to contact AAF but we already have certificates</p> <p>02/11: Dom to ask Roman to attend to explain ECOMP strategy for Publisher api access. These changes could be ported back to DR code base.</p> <p>02/13: Internally Romans team have done it for both prov and publish API - Roman willing to forward on the solution it back to ONAP</p> <p>DR Team will implement it</p> <p>02/15: Prashant - need to structure -walkthrough from very high level</p> <p>02/20: Dom to track down files as per requested</p> <p>02/22: All files sent - team to continue implementation</p> <p>Dom to see if he can get Prashant to have chat with Fiachra</p> <p>02/27: Meetings proceeded - keeping open until implementation complete</p> <p>03/01: Work ongoing -</p> <p>03/08: testing on windriver environment - take a call offline</p> <p>03/13: Mail chain - Still blocked (Sunil to assist after call)</p> <p>03/15: Issue resolved, so progress being made - mail chain</p> <p>03/15 Fiachra to request port for dr-node</p> <p>and Sunil to request AAF team to take snapshot of permissions/roles</p> <p>03/20: blocked - cannot add prov id to dr-admin role- similar issues to meeting call last week (identity itself is missing)</p> <p>(use aaf deployed within helm charts - )</p> <p>What do we need to do now??? Sunil to send mail need AAF team to reset up test environment</p> <p>03/22: Plan is to have this disabled by default</p> <p>Can be enabled for integration testing - then whenever we satisfied we can set it to enabled by default</p> <p>windriver image to be taken next week sometime!!</p> <p>Impact on BC to be conveyed early next week</p> <p>How to document this - DR API and equivalent in BC API</p> <p>03/25: Cadi enabled for MR by default, use same variable name across all DMaaP.</p> <p>03/29: Code in for review - Plan is to have it disabled by default for this release (Ability to turn on if desired -aafID passed will dictate its on) - Impacts on Bus controller</p> <p>Danger: Provisioner tries to use AAF, DR off, BC on - ?</p> <p>Risk: AAF environment req'd (More stable now with ability to deploy aaf locally)</p> <p>04/01: Code review in process and docs in progress ( Bc updates also reqd)</p> <p>04/03: Code merged/doc up for review/OOM code not merged</p> <p>4/5: Remaining work items in Jira: <input checked="" type="checkbox"/> <a href="#">DMAAP-534</a> - [DMAAP] Register Edge DMaaP components <span>CLOSED</span> and <input checked="" type="checkbox"/> <a href="#">DMAAP-535</a> - [DMAAP] Provision Topic/Feeds for Edge-to-Central flow <span>CLOSED</span></p> <p>04/08 ITEM CLOSED.</p>
7		Closed	DR	<p>11/21: Toby: PM Mapper desires a subscriber delivery function similar to kafka consumer groups. i.e. multiple subs to same feed - only 1 gets delivery. How to implement this? (Is group attribute useful?)</p> <p>11/28:</p>

6		Closed	PTL	<p>11/21: Follow up on committer promotion requests: Sunil, Dom, Connor</p> <p><a href="#">Committer Promotion Request - Dominic Lunanuova</a></p> <p><a href="#">Committer Promotion Request - Conor Ward</a></p> <p><a href="#">Sunil Unnava Committer Promotion Request for [DMaaP]</a></p> <p><a href="#">Committer Promotion Request - Migdal Marcin</a></p> <p>12/5: Need to make existing committers inactive</p> <p>12/10: Follow up with Ram</p> <p>12/12: Ram working on solution</p> <p>01/07: Bhanu to follow up</p> <p>01/14: Voting process - Ram to remove some old committers but still will be available</p> <p>01/16: Working through some open items - Approval for some</p> <p>01/21: No change in gerrit status - can we follow up on this</p> <p>01/23: This might be sorted for Conor/Dom/Sunil - others have request in</p> <p>01/28: Mandar to follow up with Ram</p> <p>02/13: Election is complete, Mandar to follow up with TSC</p>
5		Closed	PTL	<p>11/21: Look out for email about participating in Dublin Release for M0 milestone. Bhanu to inquire w PTL team since she might be on vacation.</p> <p>12/5: Bhanu to follow up and send mail to register interest in participation</p> <p>12/10: Projects already involved - assumed that they want to continue</p>
4		Closed	All	<p>11/12: As we consider scaling, are we defining any true load testing scenarios? And what are the tools we are using?</p> <p>11/26: Sunil - JMeter used as test tool.</p> <p>11/28: Work ongoing for k8s scaling in Dublin.</p>
3		Closed	All	<p>Use of HTTPS in dev/test environments. See Fiacha's email.</p> <p>"Quick question on how we are testing the DR flows.</p> <p>This only applies to local deploy &amp; test. Robot CSIT would require investigation on how to implement TLS.</p> <p>At present we default to "--insecure" curl option using the "-k" flag.</p> <p>Is this valid or should we be using some sort of TLS auth?</p> <p>We can export the IntermediateCA from the cert chain and pass it via the "--cacert" flag for curl.</p> <p>Should this be the default way of testing DR if all end users will be required to use TLS?</p> <p>//Fiachra"</p> <p>10/31: Dom: http is convenient for dev/test, but at least CSIT should confirm that TLS is enabled on all API endpoints.</p> <p>11/21: Plan to implement TLS in csit. Investigate how DR clients are using CA certs at present.</p> <p>12/10: DR working on this to date - will follow up with issue, publish upon resolution</p> <p>01/23 : Code up for review to test in next few days</p> <p>02/13: Code up for review - remove CSIT test from Casablanca</p>
2		Closed	DR	<p>What is the purpose of the "groups" attribute in a subscriber?</p> <p>10/22: Matt/Kim to investigate</p> <p>10/24: mechanism to associate many subs to a single group. Matt to send description.</p> <p>11/21: Fiachra observes that this looks more like some additional authorization method. Good to get confirmation from Matt/Kim on this.</p> <p>11/28: Roman - confirms auth for sub/feed modification.</p>

1		Closed	All	<p><b>Scaled &amp; Distributed Datarouter Solution.</b></p> <p>10/24: Fiachra sent additional questions to OOM team on auto-scaling solution. also, OOM-8 tracking auto-scaling.</p> <p>11/7: Additional considerations: spool directory persistence, stateful sets, and SSL certificates.</p> <p>11/26: OOM JIRA for Geo-Rep  <b>OOM-346</b> - Platform Resiliency (Recoverability, High-Availability, Geo-Diversity) <span>CLOSED</span></p> <p>11/26: Dom to coordinate with DCAE on Edge deployment</p> <p>11/28: DCAE intend to deploy at edge for Dublin but still unclear as to how.</p> <p>12/03: OOM call - follow up call with Mike Elliot next Wed, Single K8 that expands multiple sites</p> <p>If not deployed in edge will it be in central solely</p> <p>Requirements per components (DCAE included) - need to compile list</p> <p>01/07: Single k8s solve multi site - geo-diversity k8s deployment</p> <p>diff solutions for prov and node</p> <p>Similar problem for MR</p> <p><a href="#">OOM Geo-Red Active-Active via Affinity/AntiAffinity</a> to be reviewed</p> <p>01/28: Sunil to run through Demo - Friday Slot</p>
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## Other Notes:

- Thanks to the education from Team Fortress, Dom recognized the great Irish sport of [hurling on an American cartoon](#), but still confused the name with that thing they do in Canada!