

 LF NETWORKING

Virtual LFN Developer & Testing Forum

June 22 - 25, 2020

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ONAP Frankfurt Retrospective

Agenda

- › Frankfurt schedule changes
- › Use cases and requirements
- › Jira issues
- › Observations
- › Community input
- › Review of El Alto high priority issues

Frankfurt Schedule Changes

	r6	r7	r8	r9	r10	r11					# of changes	time delta (days)
M1	17-Nov										0	
M2/3	21-Jan										0	
M4	5-Mar										0	
RC0	26-Mar	2-Apr	9-Apr	16-Apr							3	21
RC1	9-Apr	16-Apr	23-Apr	30-Apr	7-May	8-May					5	29
RC2	23-Apr	30-Apr	7-May	14-May	21-May	26-May	4-Jun	8-Jun	11-Jun		8	49
SIGN OFF	7-May	14-May	21-May	28-May	4-Jun	4-Jun	4-Jun	8-Jun	11-Jun		8	35

Note: need better logging of schedule changes to facilitate retrospective and make release process improvements

Use Cases and Requirements

Jan 9

T-Shirt Size	QTY	Points	Total Score
XS	1	1	1
S	12	3	36
M	30	5	150
L	4	7	28
XL	10	9	90
TOTAL			305

Use Cases and Requirements

May 20

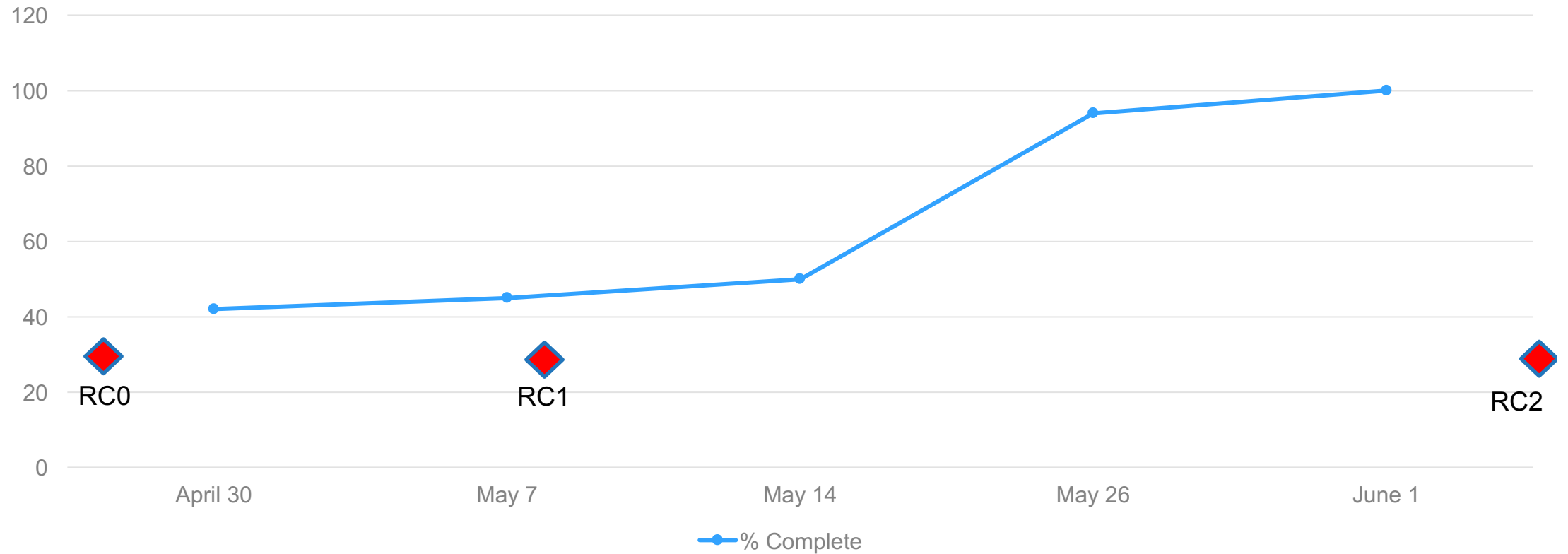
T-Shirt Size	QTY	Points	Total Score
XS	1	1	1
S	9	3	27
M	26	5	130
L	4	7	28
XL	8	9	72
TOTAL			258

Use Cases and Requirements

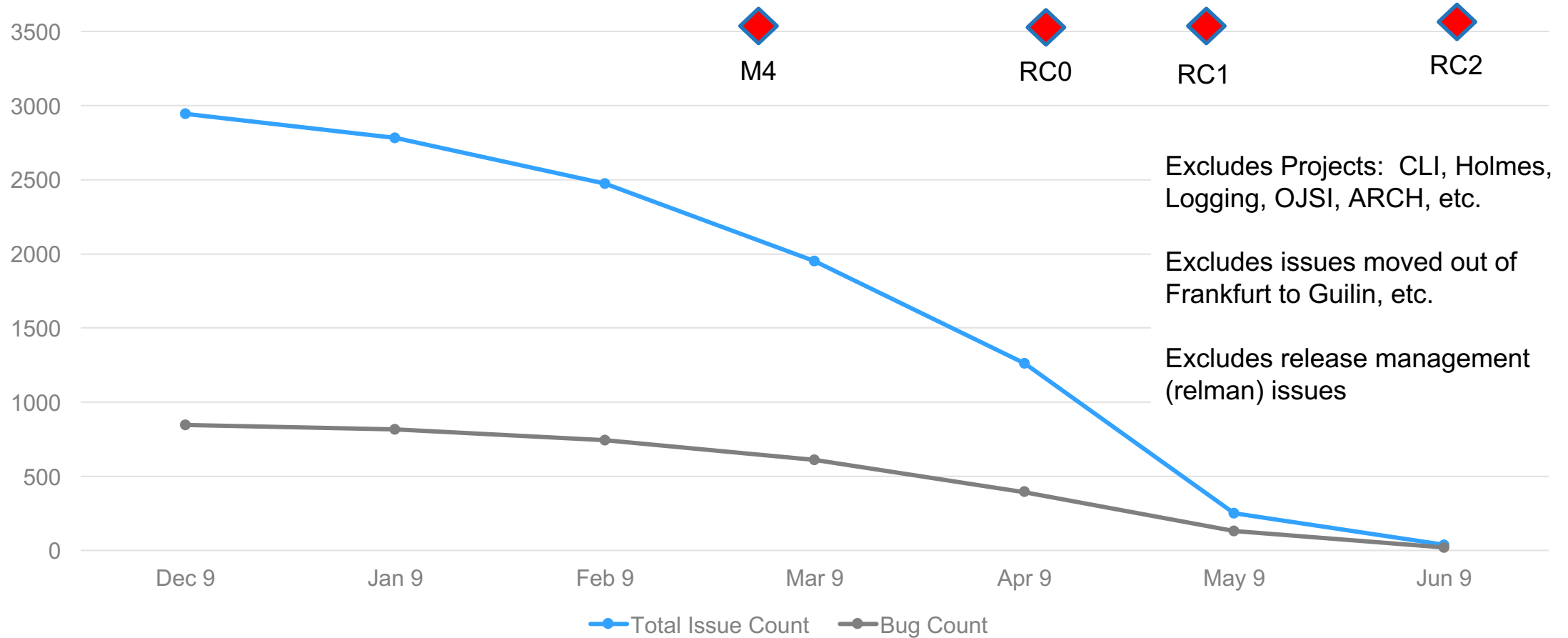
- › Changes from Jan 9 to May 20
 - › 9 use cases or requirements de-scoped or moved to PoC
 - › 15% decrease in score (305 → 258)

Use Cases and Requirements

E2E Testing Completion Status



Jira Issues Assigned to Frankfurt



Jira Issues Assigned to Frankfurt

- > 4,010 issues assigned to Frankfurt as of Dec 9, 2019
- > 1,159 issues (29%) moved out of Frankfurt by June 11, 2020

Observations

- › Technical debt excepted at M4, RC0, and RC1 piles up at RC2.
 - › “Pay me now, or pay me later”
- › RC integration testing initially hampered by low E2E testing completion and a significant level of open Jira issues
 - › RC0 accepted with 400+ bugs (1200+ issues, overall) and <50% E2E testing completed
- › Integration team is requesting that projects submit containers earlier, but if E2E testing completion is low, and there are a large number of outstanding Jira issues, is this realistic?
- › Cert expiration missed, despite release management checks by projects
 - › Integration team developing automated test, but this seems dependent on having an accurate listing of all certs.

Recommendations

- › Limit use case and requirements per release
 - › Use t-shirt scoring system as a guide.
 - › Set a maximum level, based on availability of resources (how about 250?).
 - › TSC should evaluate proposed requirements carefully and reject vaguely worded, poorly documented, not-actionable, or unverifiable proposals.
- › Urge PTLs to prioritize Jira issues assigned to a release.
 - › i.e., don't use release assignment as backlog
 - › Review issues and limit release assignment to highest priority issues, as well as capacity to fix
- › Integration team is moving in the right direction to automate verification of expiration status
 - › Do we also need a list and process to document all existing certs?

Community Input

- › What issues did you observe during the Frankfurt that could be improved?

Review of High Priority Items from the El Alto Release

- › The top 3 items from the El Alto release were:
 - › Integration tests in target deployments using OOM.
 - › Improve robot healthcheck across projects.
 - › More projects added to CI pipeline and more project-specific testing.
- › Other items:
 - › Customize relman issues to project
 - › Track schedule changes

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Thank You!

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