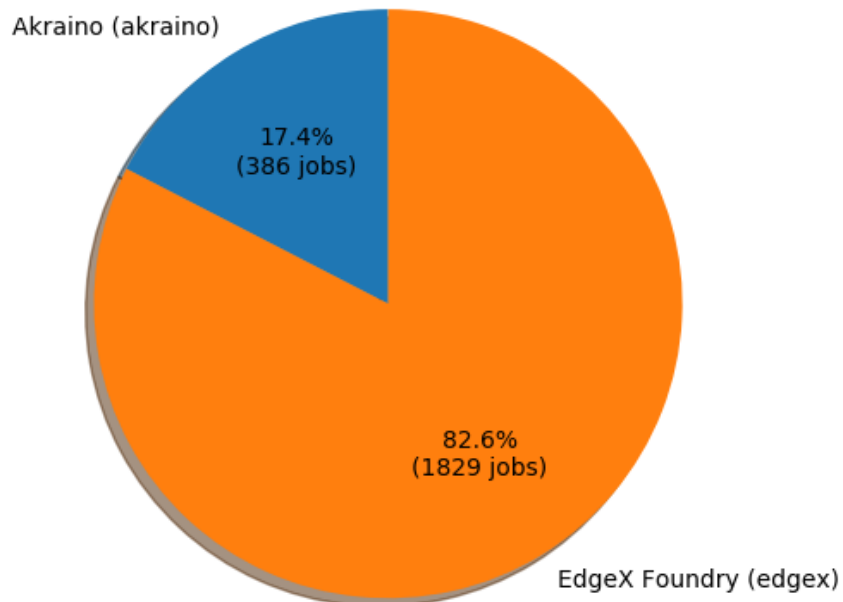


04/20 LF Edge Apr 2021 Report

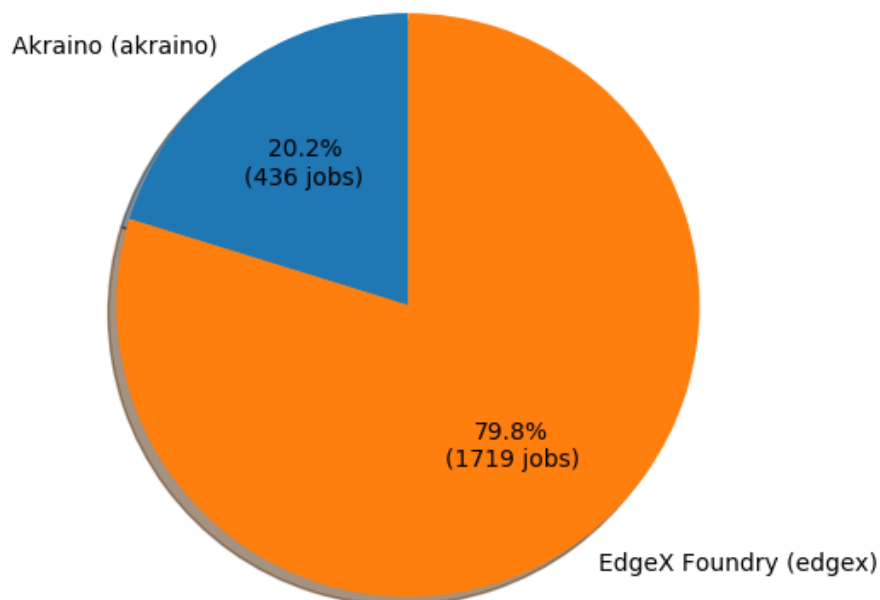
LF Edge IT Summary - Apr 2021

Job Counts

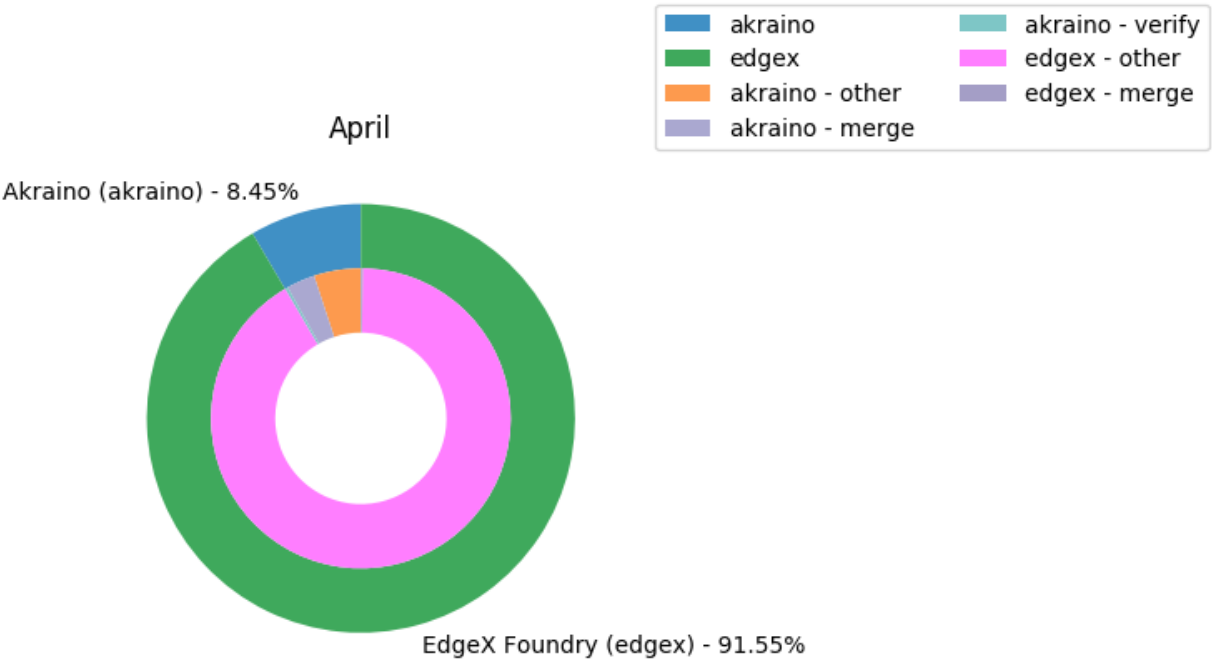
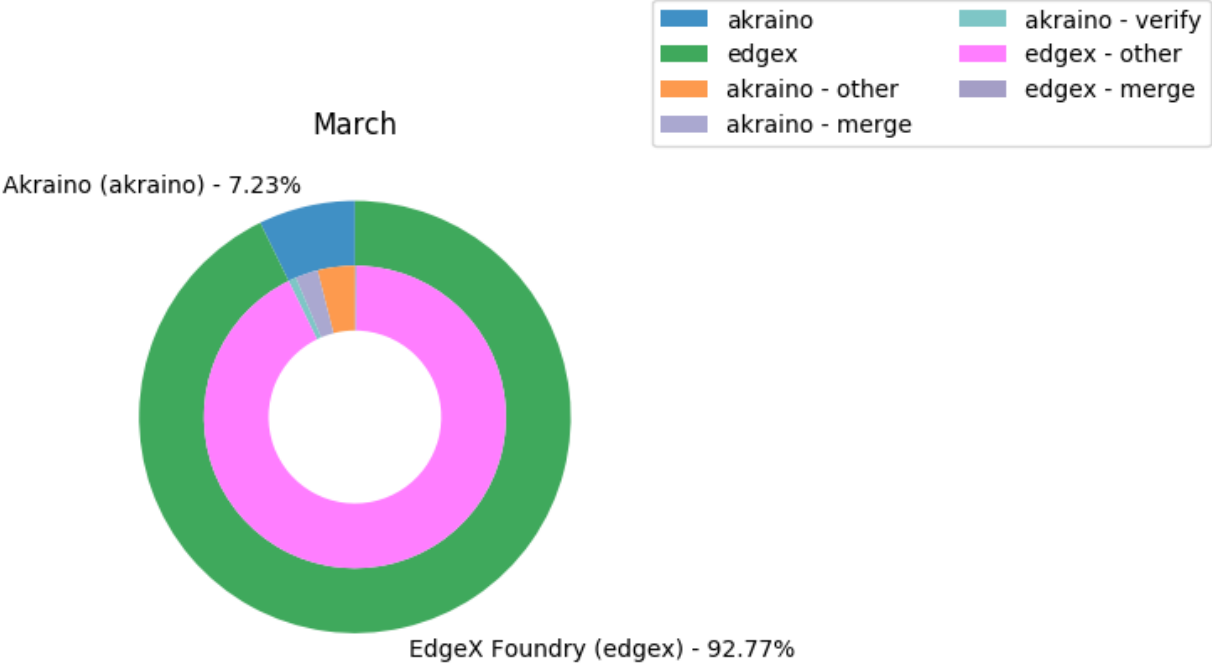
March



April



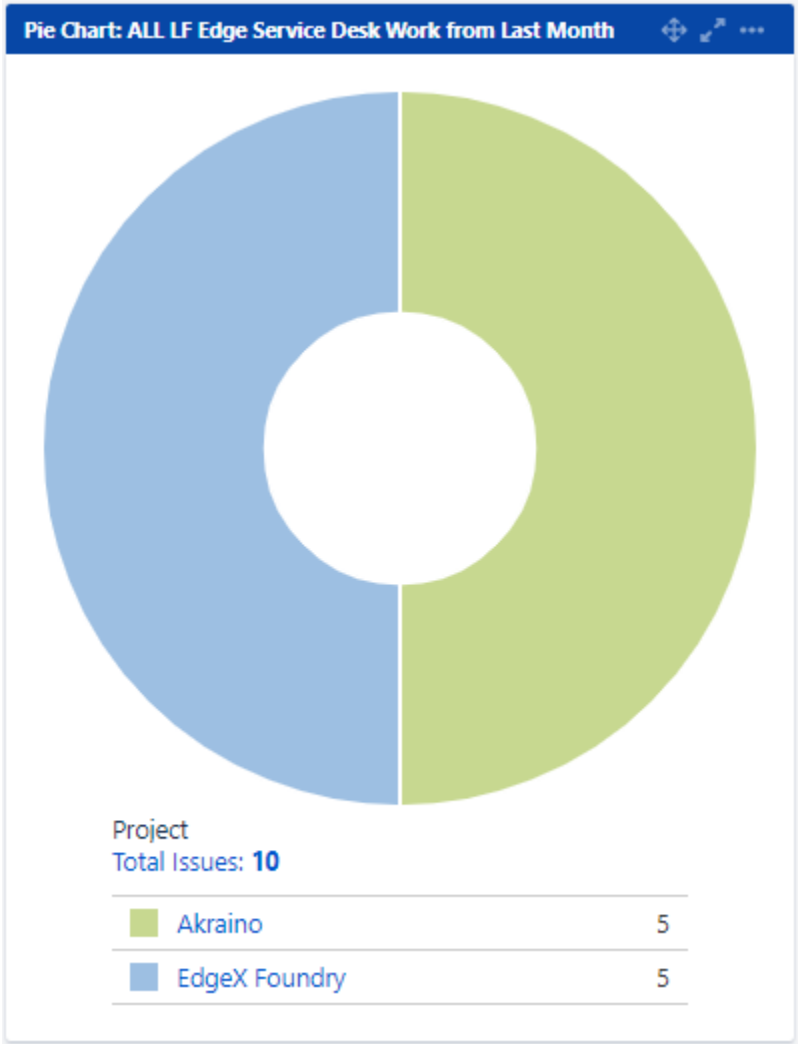
Job Costs



- Notes:
- Job counts are an indication of how much change happened to the code bases
- Total costs are based on cost data returned from cloud compute resources used for the duration of a job
- Job costs breakdown categorizes jobs in the following way:
 - jobs named -verify, -merge, and -csit- are grouped together as their own category. Everything else is lumped into the 'other' category
 - EdgeX ends up showing other as the largest category due to how the Jenkins Pipeline jobs all end up getting named, they do not follow our freestyle job naming structure and we are still working on a good way of detecting these types of jobs in our data and grouping them accurately
- We will be providing partially cooked (aggregated by job name) cost breakdowns to the individual TSCs on their private mailing lists
- Only EdgeX and Akraino are included for now, as their standard tooling provides the best coverage. We are looking into ways to include more projects in the future.

Charts: LF Edge Dashboard

Apr 2021 Tickets

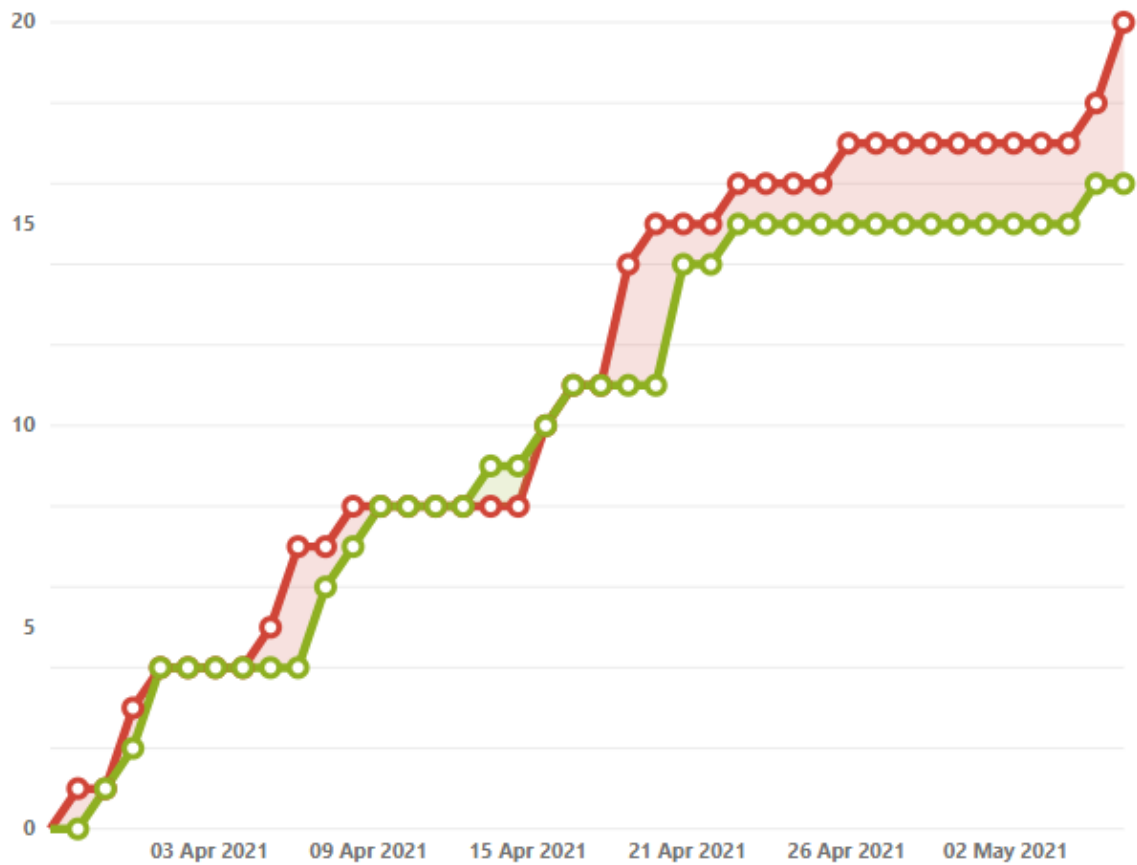


Service Desk (By Type) and Planned Engineering (By Type)

Statable Customer Request Type		Epic Link	
Total Issues: 10		Total Issues: 6	
New Repository	4	Kernel Updates 2021	2
Committer rights	3	Q1 2021 RelEng Operations (Enhanceme...	2
Make Changes to Existing Service	2	Q2 2021 RelEng Operations (Enhanceme...	2
Additional permissions	1		

LF Edge Work from Last Month (Created vs Resolved)

Created vs. Resolved Chart: All LF Edge Work

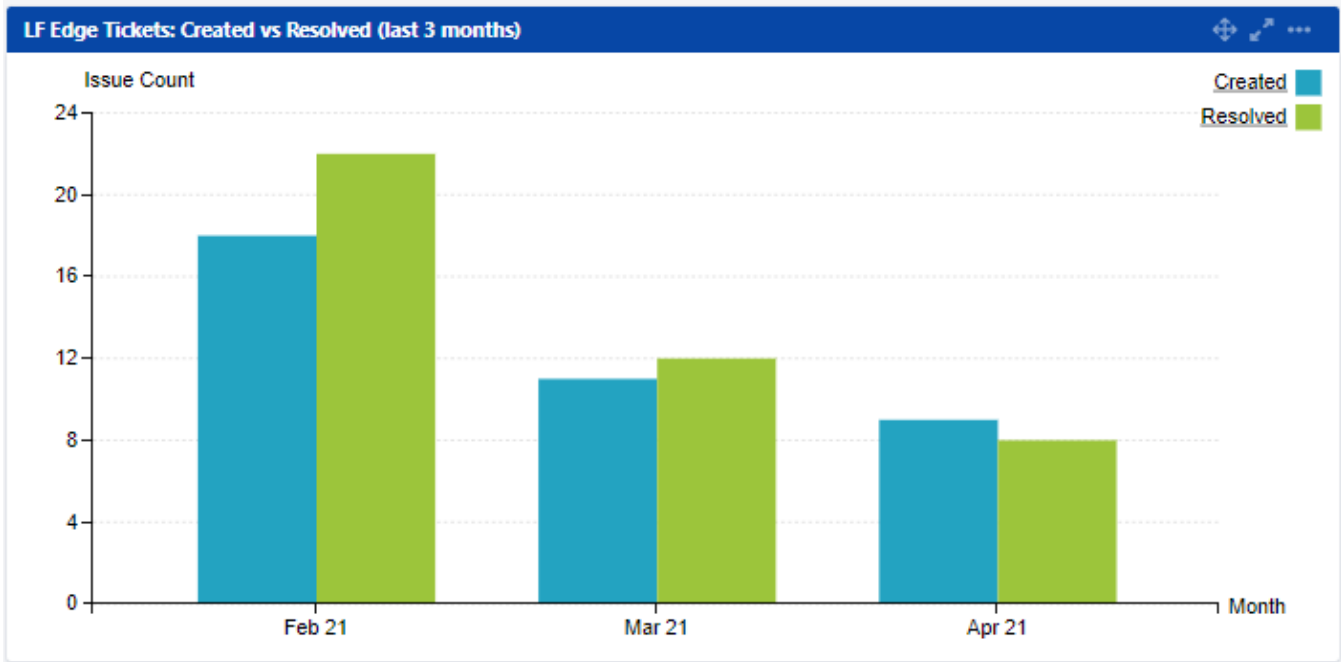


Issues in the last 38 days (grouped daily) [View in Issue Navigator](#)

○ Created issues (20)

○ Resolved issues (16)

LF Edge Work from Last 3 Months (Created vs Resolved)



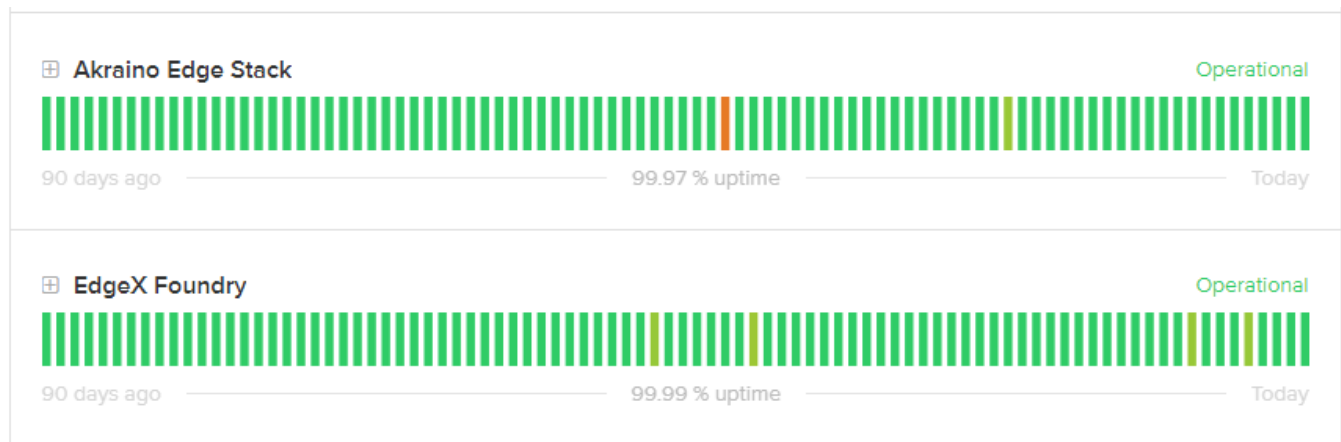
Key Takeaways:

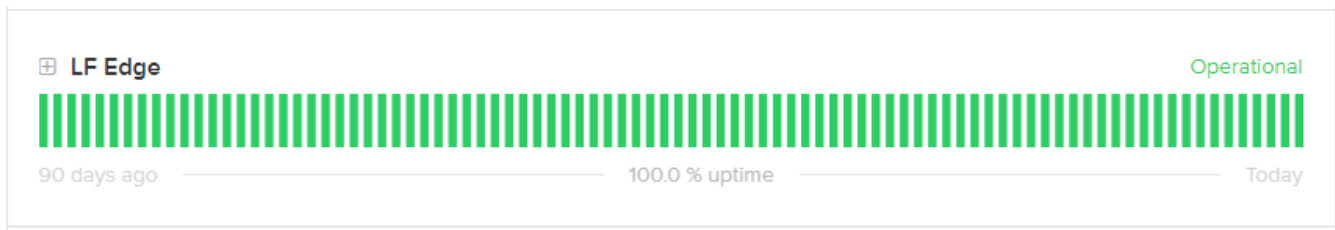
- Worked on 21 LF Edge tickets (10 from Service Desk and 6 from Planned Engineering).
- Akraino and EdgeX Foundry were the sources with 5 tickets each.
- New Repository was the highest source of tickets.

Projects Highlights (Apr 2021):

- **EdgeX:**
 - Upgraded Kernel to latest version.
 - Submitted for AWS OS Credits.
 - Work in progress to create a script to support the default branch name change from Master to Main.
- **Akraino:**
 - Replaced Ubuntu 16.04 with a newer version.
 - Upgraded Kernel to latest version.
- **LF Edge (Non-Stage 3 Projects):**
 - Completed clean up of 40+ instances (old Jenkins agents).
 - Resolved Ubuntu agents not booting issue and CentOS agents not shutting down issue.
 - Upgraded Kernel to latest version.
 - Fixed LF Edge PR builds.

Linux Foundation's IT status : Status Page





Appendix: Ticket Details

EdgeX Tickets

Key	Summary	Created	Updated	Assignee	Status	Resolution	Reporter
RELENG-3450	Change default branch: script or lftools	Mar 18, 2021	May 11, 2021	saleem Abdul	INTEGRATION	Unresolved	Eric Ball
IT-21929	archive repository in edgexfoundry	Apr 22, 2021	Apr 29, 2021	Vanessa Valderrama	CLOSED	Fixed	Jim White
IT-21910	The devops-core-team GitHub team requires write access to the following repositories	Apr 20, 2021	Apr 27, 2021	Anil Belur	CLOSED	Fixed	Emilio Reyes
IT-21897	Codecov security breach recommend updating tokens and credentials	Apr 15, 2021	Apr 22, 2021	Eric Ball	CLOSED	Fixed	Ernesto Ojeda
IT-21867	device-camera-go	Apr 08, 2021	Apr 16, 2021	Aric Gardner	CLOSED	Done	Iain Anderson
IT-21834	https://github.com/edgexfoundry-holding/device-gpio	Apr 01, 2021	Apr 08, 2021	Vanessa Valderrama	CLOSED	Fixed	Jim White
INFRA-6469	EdgeX - Kernel Update	Mar 31, 2021	Apr 13, 2021	Anton Baranov	DONE	Done	Anubha Sinha

[7 issues](#)

Akraino Tickets

Key	Summary	Created	Updated	Assignee	Status	Resolution	Reporter
RELENG-3483	Akraino: Replace Ubuntu 16.04 with newer version	Mar 26, 2021	Apr 01, 2021	Eric Ball	DONE	Done	Eric Ball
IT-21946	security	Apr 26, 2021	May 13, 2021	saleem Abdul	WAITING FOR SUPPORT	Unresolved	Randy Stricklin
IT-21901	Create a new repo for Cassini Family	Apr 16, 2021	Apr 27, 2021	Jessica Wagantall	CLOSED	Fixed	Fanping Deng
IT-21849	iec	Apr 06, 2021	Apr 14, 2021	Eric Ball	CLOSED	Not An Issue	Trevor Tao
IT-21844	Create a Branch out for akraino Rel4 for EALTEdge BP in akraino	Apr 05, 2021	Apr 27, 2021	Jessica Wagantall	CLOSED	Incomplete	khemendra kumar
IT-21811	New Repo for example applications for EALTEdge BP	Mar 30, 2021	Apr 07, 2021	Eric Ball	CLOSED	Done	khemendra kumar

[6 issues](#)

LF Edge (Non-Stage 3 Projects) Tickets

Key	Summary	Created	Updated	Assignee	Status	Resolution	Reporter
RELENG-3636	LF Edge Jenkins: Ubuntu agents not booting, CentOS agents not shutting down	Apr 16, 2021	Apr 17, 2021	Eric Ball	DONE	Done	Eric Ball
RELENG-3613	Fix LF Edge PR builds	Apr 07, 2021	Apr 08, 2021	Eric Ball	DONE	Done	Eric Ball
INFRA-6474	LFEdge - Kernel Update	Mar 31, 2021	Apr 08, 2021	Ryan Day	DONE	Done	Anubha Sinha

3 issues