02/20 LF Edge Feb 2021 Report
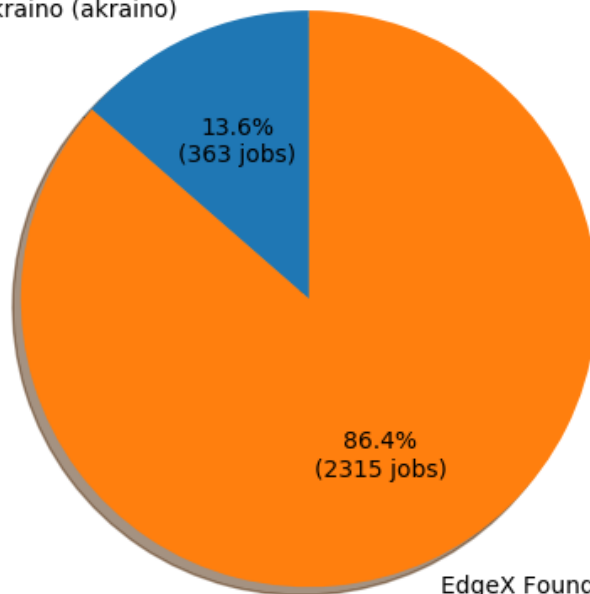
LF Edge IT Summary - Feb 2021

Job Counts
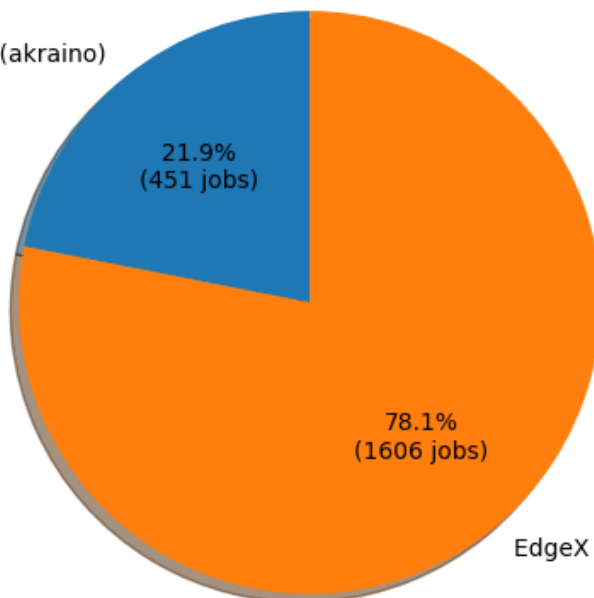
January

Akraino (akraino)
13.6%
(363 jobs)

86.4%
(2315 jobs)

EdgeX Foundry (edgex)

February

Akraino (akraino)
21.9%
(451 jobs)

78.1%
(1606 jobs)

EdgeX Foundry (edgex)

Job Costs

January

Legend: akraino, edgex, akraino - other, akraino - merge, akraino - verify, edgex - other, edgex - merge, edgex - verify

Akraino (akraino) - 30.79%

EdgeX Foundry (edgex) - 69.21%

February

Legend: akraino, edgex, akraino - other, akraino - merge, akraino - verify, edgex - other, edgex - merge
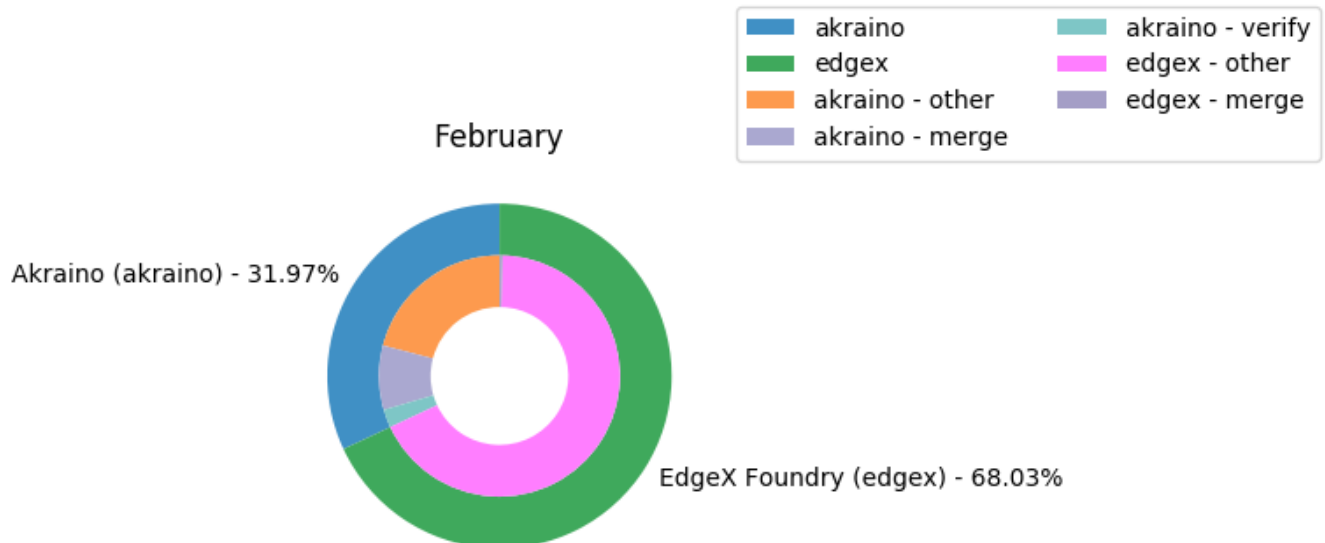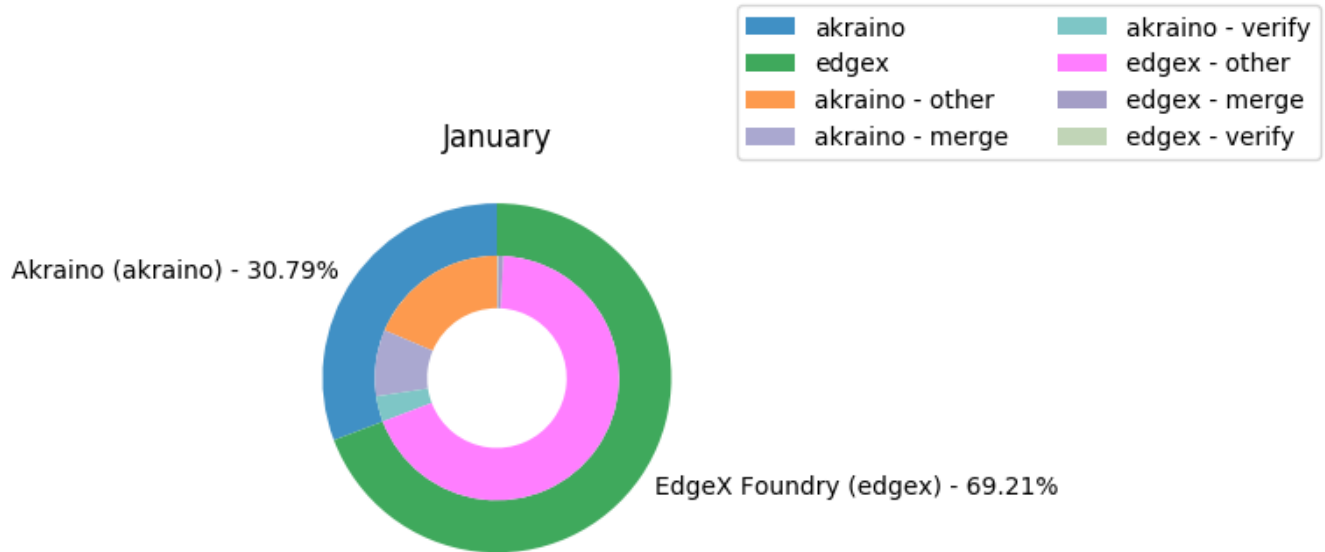
Akraino (akraino) - 31.97%

EdgeX Foundry (edgex) - 68.03%
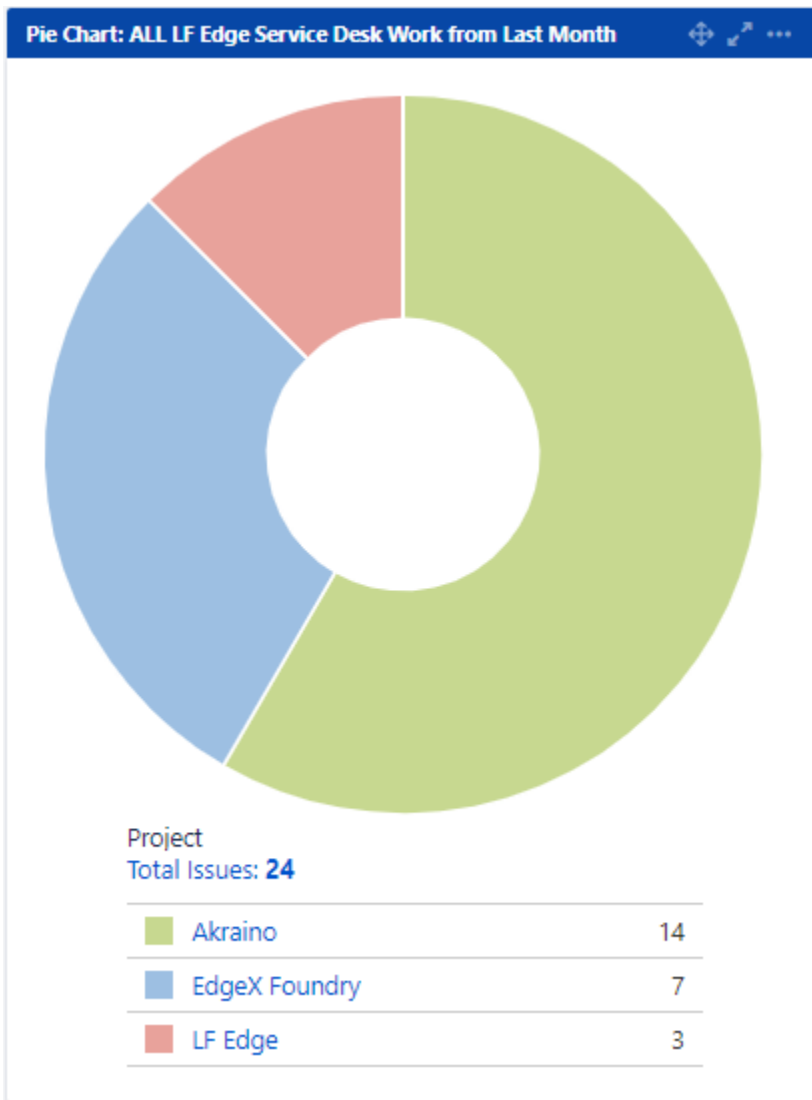
- **Notes:**
  - Job counts are an indication of how much change happened to the code bases
  - Total costs are based on cost data returned from cloud compute resources used for the duration of a job
  - Job costs breakdown categorizes jobs in the following way:
    - jobs named -verify, -merge, and -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.

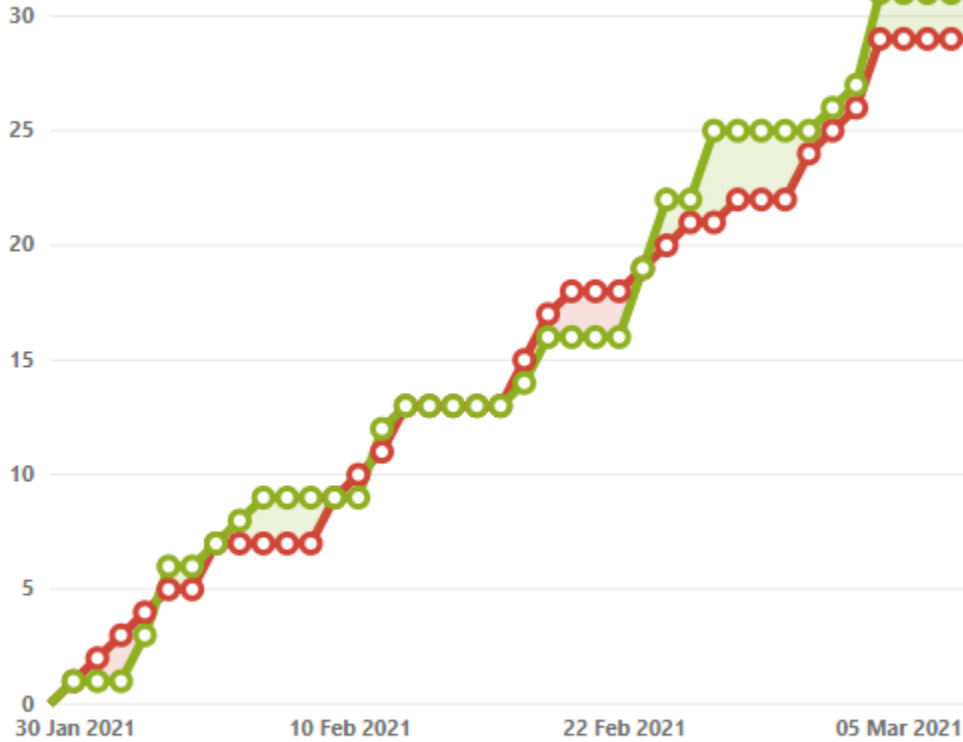# Charts: LF Edge Dashboard

Feb 2021 Tickets

Pie Chart: ALL LF Edge Service Desk Work from Last Month

Project
Total Issues: **24**

🟩	Akraino	14
🟦	EdgeX Foundry	7
🟥	LF Edge	3

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

Statable Customer Request Type
Total Issues: **24**

🟩	Make Changes to Existing Service	7
🟦	Additional permissions	4
🟥	Committer rights	4
🟨	Get IT help	4
🟪	New Repository	3
🟪	Jenkins Job problems	2

Epic Link
Total Issues: **6**

🟩	Confluence Upgrade (Feb 2021)	3
🟦	Q1 2021 RelEng Operations (Enhanceme...	3

LF Edge Work from Last Month (Created vs Resolved)

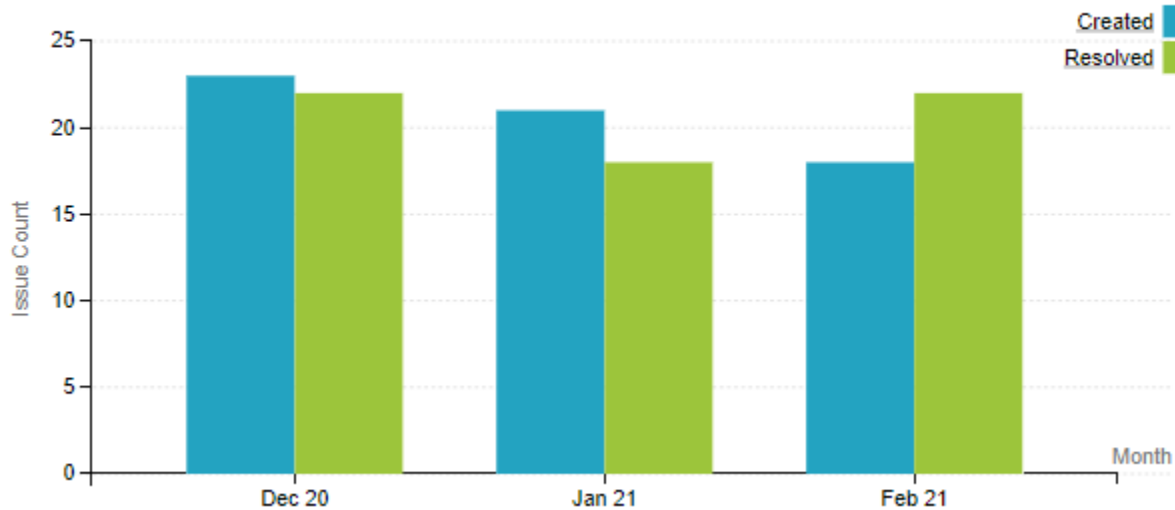## Created vs. Resolved Chart: All LF Edge Work

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

○ Created issues (29)

○ Resolved issues (31)

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

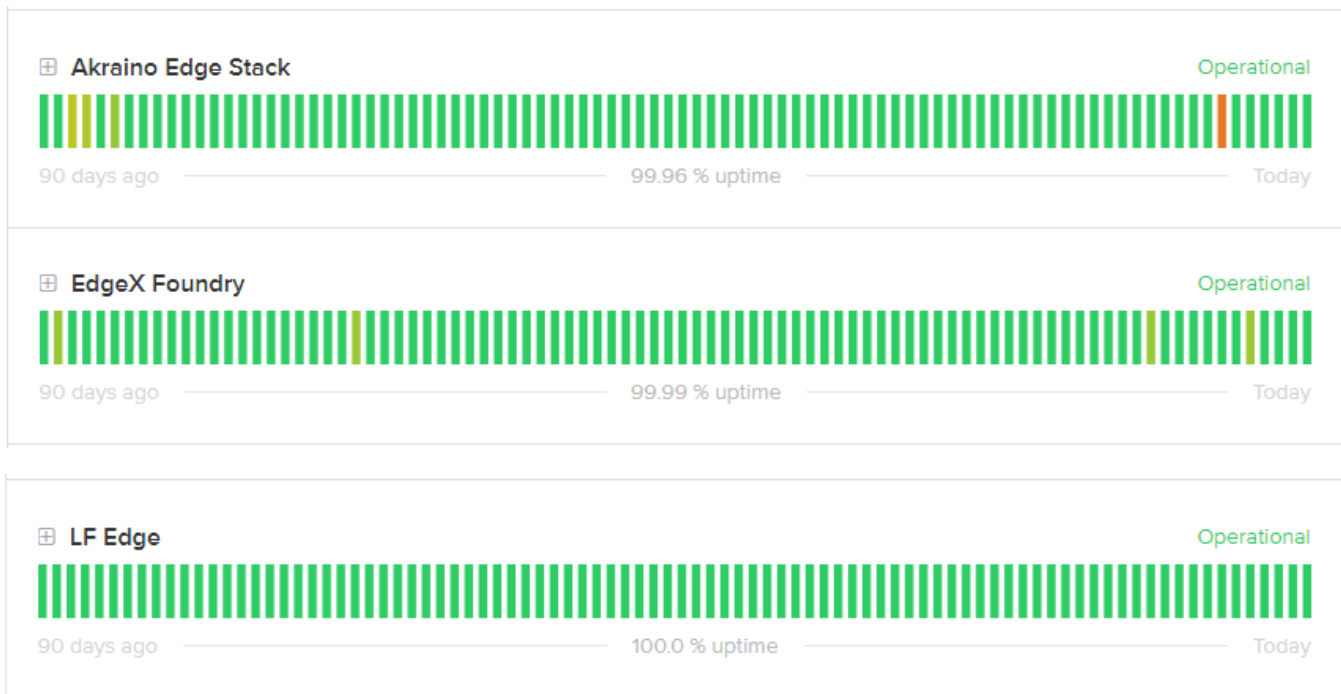### LF Edge Tickets: Created vs Resolved (last 3 months)

Key Takeaways:

- Worked on 30 LF Edge tickets (24 from Service Desk and 6 from Planned Engineering).
- Akraino was the top project with 14 tickets.
- Making changes to existing services was one of the highest source of tickets. Jenkins Jobs reported only 2 issues.
- Confluence Upgrade was the source of planned engineering work.

Projects Highlights (Feb 2021):

- **EdgeX:**
  - Updated job-cost script to pick up arm64 info for EdgeX pipelines.
- **Akraino:**
  - Cleaned up DCO issues
- **LF Edge (Non-Stage 3 Projects):**
  - None

Linux Foundation's IT status : Status Page

Appendix: Ticket Details

EdgeX Tickets

Key	Summary	Created	Updated	Assignee	Status	Resolution	Reporter
RELENG-3207	job-cost script should pick up arm64 info for edgex pipelines	Sep 24, 2020	Feb 23, 2021	Eric Ball	DONE	Done	Eric Ball
IT-21610	archive repository in edgexfoundry	Feb 23, 2021	Mar 03, 2021	Eric Ball	CLOSED	Done	Jim White
IT-21589	https://github.com/edgexfoundry/go-mod-bootstrap	Feb 20, 2021	Mar 04, 2021	Jessica Wagantall	CLOSED	Fixed	Jim White
IT-21569	archive repository in edgexfoundry	Feb 17, 2021	Feb 24, 2021	Eric Ball	CLOSED	Done	Jim White
IT-21544	archive repositories in edgexfoundry	Feb 12, 2021	Feb 19, 2021	Jessica Wagantall	CLOSED	Fixed	Jim White
IT-21469	New new repository `orra` in github.com/edgexfoundry-holding	Feb 01, 2021	Feb 09, 2021	Eric Ball	CLOSED	Done	Jim White

IT-21426	Enable branch protection for Hanoi branch for the following repos	Jan 26, 2021	Feb 03, 2021	Vanessa Rene Valderrama	CLOSED	Fixed	Ernesto Ojeda
IT-21411	edgexfoundry-holding/device-coap-c	Jan 25, 2021	Mar 02, 2021	Aric Gardner	CLOSED	Done	Iain Anderson
INFRA-6388	Confluence Upgrade: EdgeX	Sep 04, 2019	Mar 08, 2021	Chris Hoy Poy	SELECTED FOR DEVELOPMENT	Unresolved	Anubha Sinha

9 issues

Akraino Tickets

Key	Summary	Created	Updated	Assignee	Status	Resolution	Reporter
RELENG-3388	Akraino - AWS SES bounce rate	Feb 09, 2021	Feb 22, 2021	Vanessa Rene Valderrama	DONE	Done	Vanessa Rene Valderrama
RELENG-3111	Clean up DCO issues in Akraino	Jul 29, 2020	Feb 17, 2021	Eric Ball	INTEGRATION	Unresolved	Eric Ball
IT-21615	external log pushing permissions	Feb 24, 2021	Mar 04, 2021	Eric Ball	CLOSED	Done	xinhong xinhong
IT-21600	Ampere Pod Baidu's log retrieve	Feb 23, 2021	Mar 02, 2021	Eric Ball	CLOSED	As designed	Hechun Zhang
IT-21572	Not able to merge to Pvt LTE/5G gerrirt	Feb 18, 2021	Feb 25, 2021	Eric Ball	CLOSED	As designed	Prem Sankar G
IT-21571	Access to nexus repository manager	Feb 18, 2021	Mar 04, 2021	Eric Ball	CLOSED	Incomplete	Prem Sankar G
IT-21545	gerrit.akraino.org/tami	Feb 12, 2021	Mar 01, 2021	Vanessa Rene Valderrama	CLOSED	Fixed	Surojit Banerjee
IT-21523	external log pushing permissions	Feb 09, 2021	Feb 18, 2021	Jessica Wagantall	CLOSED	Fixed	Hao Zhongwang
IT-21492	external log pushing permissions	Feb 04, 2021	Feb 12, 2021	Eric Ball	CLOSED	Not An Issue	chicken crispy
IT-21491	ELIOT Install	Feb 04, 2021	Feb 13, 2021	Eric Ball	CLOSED	Declined	Tomáš Mejzr
IT-21477	Github mirror repo is syncing up with gerrit	Feb 02, 2021	Feb 09, 2021	Eric Ball	CLOSED	Fixed	Kuralamudhan Ramakrishnan
IT-21464	Help to create Project	Jan 31, 2021	Feb 06, 2021	Unassigned	CLOSED	Duplicate	Surojit Banerjee
IT-21462	Rural Edge blueprint for TAMI COVID-19	Jan 30, 2021	Feb 12, 2021	Eric Ball	CLOSED	Done	Surojit Banerjee
IT-21458	ta-infra-ansible-amd64-master-merge job failing	Jan 29, 2021	Feb 06, 2021	Anil Belur	CLOSED	Done	d k
IT-21452	Rural Edge blueprint for Tami COVID-19 Blueprint	Jan 29, 2021	Feb 09, 2021	Unassigned	CLOSED	Duplicate	Biswajit De
IT-21374	Need more disk space on Jenkins	Jan 20, 2021	Feb 02, 2021	Eric Ball	CLOSED	Done	Paul Carver
INFRA-6379	Confluence Upgrade: Akraino	Sep 04, 2019	Feb 22, 2021	Unassigned	SELECTED FOR DEVELOPMENT	Unresolved	Anubha Sinha

17 issues

LF Edge (Non-Stage 3 Projects) Tickets

Key	Summary	Created	Updated	Assignee	Status	Resolution	Reporter
IT-21576	Add laas.lfedge.iol.unh.edu as an authorized hostname	Feb 18, 2021	Feb 25, 2021	Jordan Conway	CLOSED	Fixed	Adam Hassick
IT-21539	Confluence lose access to Support and Updates	Feb 11, 2021	Feb 18, 2021	Jessica Wagantall	CLOSED	Fixed	Brett Preston
IT-21531	Switching from akraino-lab to .iol.unh.edu	Feb 10, 2021	Feb 18, 2021	Jordan Conway	CLOSED	Won't Do	Adam Hassick
INFRA-6380	Confluence Upgrade: LF Edge	Sep 04, 2019	Feb 22, 2021	Ryan Day	SELECTED FOR DEVELOPMENT	Unresolved	Anubha Sinha

4 issues