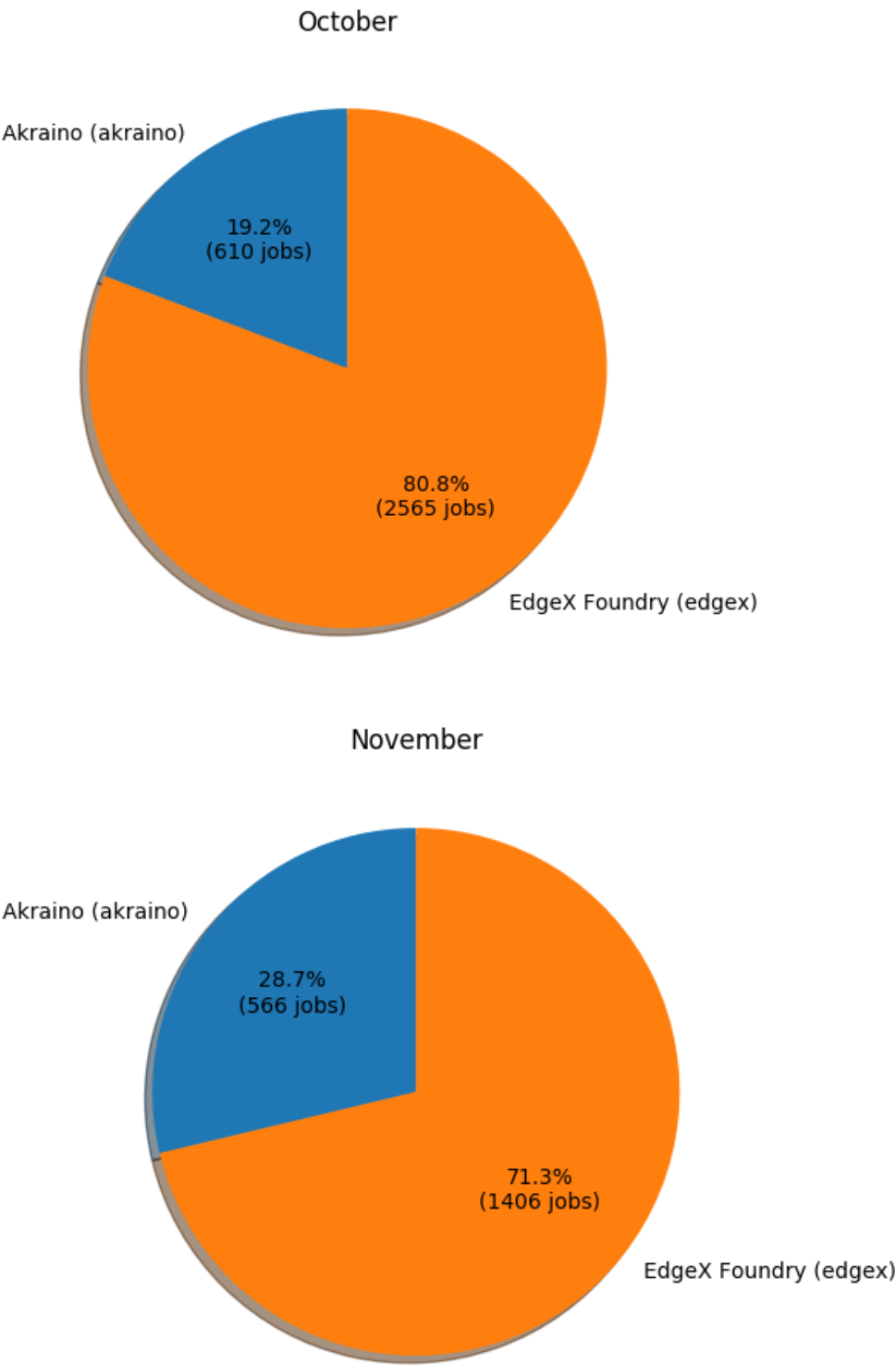


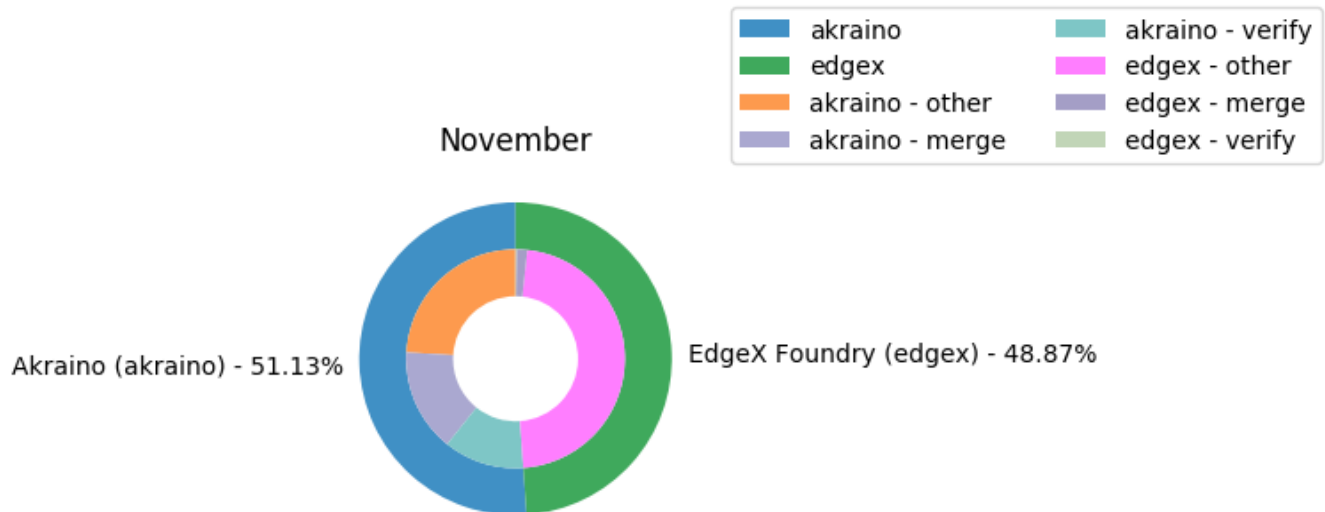
11/20 LF Edge Nov 2020 Report

LF Edge IT Summary - Nov 2020

Job Counts



Job Costs



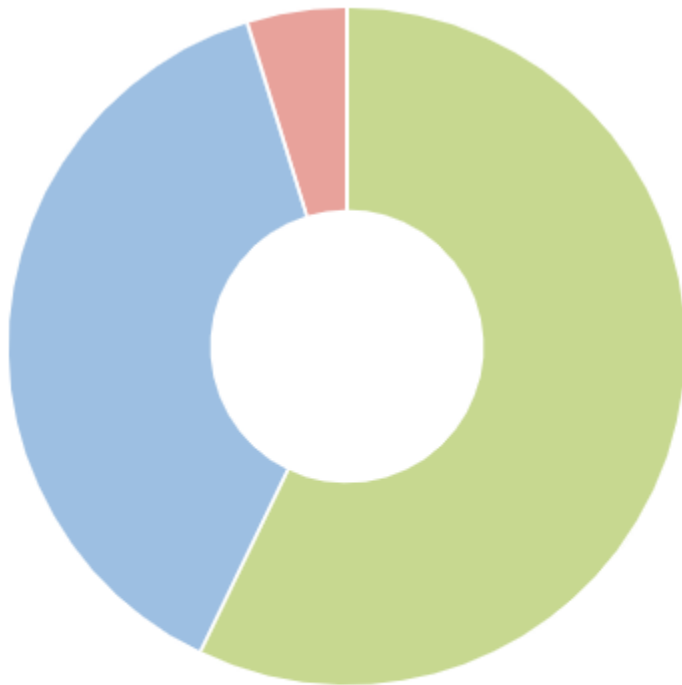
• **Notes:**

- Job counts restated for October. We now get logs for all EdgeX pipelines and can more accurately report on numbers. Previous report stated 784 jobs (those were all CI management related) this increases to 2565 which is a count of all pipelines and CI management
- 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.
 - December numbers for EdgeX should be more accurate once we've fixed the data import

Charts: LF Edge Dashboard

Nov 2020 Tickets

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



Project

Total Issues: 21

EdgeX Foundry	12
Akraino	8
LF Edge	1

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

Statable Customer Request Type

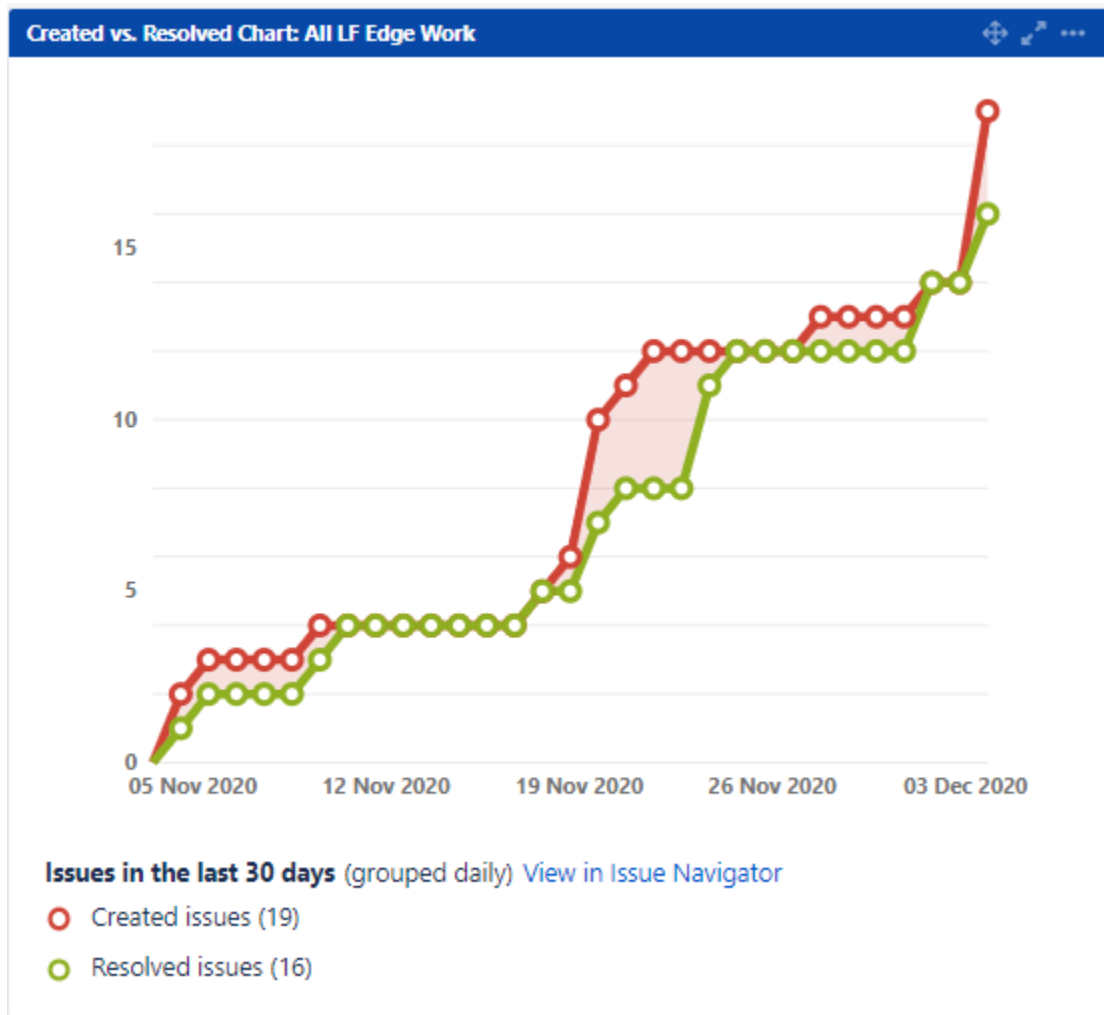
Total Issues: 21

Get IT help	6
Additional permissions	3
Jenkins Job problems	3
New Repository	3
New Service Request	3
Committer rights	1
Make Changes to Existing Service	1
Update DNS records	1

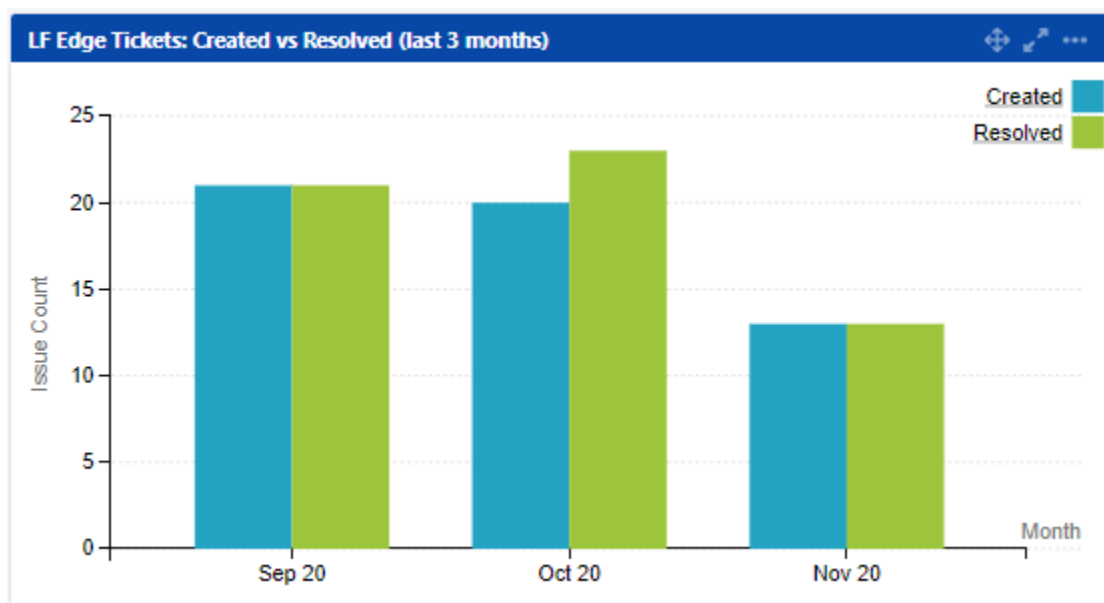
Epic Link
Total Issues: 8

Migrate Users to Internal Directory (Dep...	4
DockerHub Open Source Program	3
Q4 2020 RelEng Enhancements and Tech...	1

LF Edge Work from Last Month (Created vs Resolved)



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



Key Takeaways:

- Worked on 29 LF Edge tickets (21 from Service Desk and 8 from Planned Engineering).
- EdgeX Foundry was the top project with 12 tickets.
- Get IT help was one of the highest source of tickets. Jenkins Jobs reported only 3 issues.
- DockerHub Open Source Program and Technical debt stories were the source of planned engineering work.

Projects Highlights (Nov 2020):

- **EdgeX:**
 - DockerHub Open Source Program Submission
- **LF Edge (Non-Stage 3 Projects):**
 - Completed analysis of hosting costs.
 - DockerHub Open Source Program Submission
 - Migrated users to internal directory

Appendix: Ticket Details

EdgeX Tickets

Key	Summary	Created	Updated	Assignee	Status	Resolution	Reporter
RELEN G-3299	EdgeX: DockerHub Open Source Program Submission	Nov 19, 2020	Dec 01, 2020	Eric Ball	DONE	Done	Anubha Sinha
IT-21072	edgexfoundry.org	Nov 19, 2020	Nov 27, 2020	Anil Belur	CLOSED	Done	Lenny Goodell
IT-21001	Update DNS records - move away from Pantheon	Nov 09, 2020	Nov 10, 2020	Johnson Nguyen	RESOLVED	Done	Brett Preston
IT-20979	Ensure Nexus 3 is proxying Docker Hub	Nov 04, 2020	Dec 01, 2020	Eric Ball	CLOSED	Fixed	Ernesto Ojeda
IT-20978	EOL Clair infrastructure on AWS	Nov 04, 2020	Nov 17, 2020	Ryan Day	CLOSED	Fixed	James Gregg
IT-20958	Request new email mailer group for EdgeX Foundry program	Nov 02, 2020	Nov 09, 2020	Johnson Nguyen	CLOSED	Won't Do	Jim White
IT-20957	review required on https://github.com/edgexfoundry/edgex-examples	Nov 02, 2020	Nov 09, 2020	Jessica Wagantall	CLOSED	Fixed	Jim White
IT-20941	New "security-pipeline-policies" repository needed in edgexfoundry GitHub org	Oct 29, 2020	Nov 06, 2020	DW Talton	CLOSED	Fixed	Ernesto Ojeda
IT-20919	Make "continuous-integration/jenkins/pr-merge" status check required for edgexfoundry/developer-scripts	Oct 27, 2020	Nov 05, 2020	Eric Ball	CLOSED	Done	Ernesto Ojeda
IT-20882	make repository public	Oct 22, 2020	Nov 04, 2020	Anil Belur	CLOSED	Fixed	Jim White
IT-20875	Add "hacktoberfest" topic for repos: [edgex-global-pipelines, ci-build-images]	Oct 21, 2020	Nov 04, 2020	Anil Belur	CLOSED	Fixed	Ernesto Ojeda
IT-20797	edgexfoundry-holding/device-coap-c	Oct 14, 2020	Nov 06, 2020	Aric Gardner	CLOSED	Done	Iain Anderson
IT-19186	lftools sigul sign does not work with python 3.7	Mar 06, 2020	Dec 01, 2020	Eric Ball	CLOSED	Known Error	James Gregg
INFRA-5174	Migrate users to internal directory: EdgeX Confluence	Jan 11, 2020	Nov 19, 2020	Unassigned	BACKLOG	Unresolved	Casey Panell

14 issues

Akraino Tickets

Key	Summary	Created	Updated	Assignee	Status	Resolution	Reporter
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RELENG-3298	Akraino: DockerHub Open Source Program Submission	Nov 19, 2020	Dec 08, 2020	Eric Ball	DONE	Done	Anubha Sinha
IT-21106	UNSTABLE job	Nov 27, 2020	Dec 10, 2020	Eric Ball	RESOLVED	Fixed	Ricardo Noriega
IT-21083	Request creation of a slave on Akraino Jenkins	Nov 22, 2020	Nov 30, 2020	Eric Ball	CLOSED	Done	Abhimanyu Bhattar
IT-21077	Mirror in Akraino-edge-stack Github org	Nov 20, 2020	Nov 30, 2020	DW Talton	CLOSED	Fixed	Ricardo Noriega
IT-21060	external log pushing permissions	Nov 18, 2020	Nov 26, 2020	Eric Ball	CLOSED	Done	V S
IT-20988	Add jeblair to Akraino jenkins-sandbox-access	Nov 05, 2020	Nov 12, 2020	Vanessa Rene Valderrama	CLOSED	Fixed	James E. Blair
IT-20950	Create a Branch out for akraino Rel3 for ELIOT BP in akraino	Nov 02, 2020	Nov 10, 2020	Eric Ball	CLOSED	Done	khemendra kumar
IT-20906	Create a Branch out for akraino Rel3 for EALTEdge BP in akraino	Oct 27, 2020	Nov 04, 2020	DW Talton	CLOSED	Fixed	khemendra kumar
IT-20884	LFtools dependencies	Oct 23, 2020	Nov 10, 2020	Eric Ball	CLOSED	Done	Ricardo Noriega
INFRA-5306	Migrate users to internal directory: Akraino Jira	Feb 21, 2020	Nov 19, 2020	Unassigned	BACKLOG	Unresolved	Casey Panell
INFRA-5167	Migrate users to internal directory: Akraino Confluence	Jan 11, 2020	Nov 19, 2020	Unassigned	BACKLOG	Unresolved	Casey Panell

11 issues

LF Edge (Non-Stage 3 Projects) Tickets

Key	Summary	Created	Updated	Assignee	Status	Resolution	Reporter
RELENG-3304	LF Edge: DockerHub Open Source Program Submission	Nov 19, 2020	Nov 19, 2020	Eric Ball	DONE	Done	Anubha Sinha
RELENG-3249	LF Edge hosting costs: 2021 estimates	Oct 22, 2020	Nov 05, 2020	Eric Ball	DONE	Done	Eric Ball
IT-21055	Need a new DockerHUB repo for EVE	Nov 17, 2020	Nov 25, 2020	Eric Ball	CLOSED	Fixed	Roman Shaposhnik
INFRA-5168	Migrate users to internal directory: LF Edge Confluence	Jan 11, 2020	Nov 19, 2020	Unassigned	BACKLOG	Unresolved	Casey Panell

4 issues