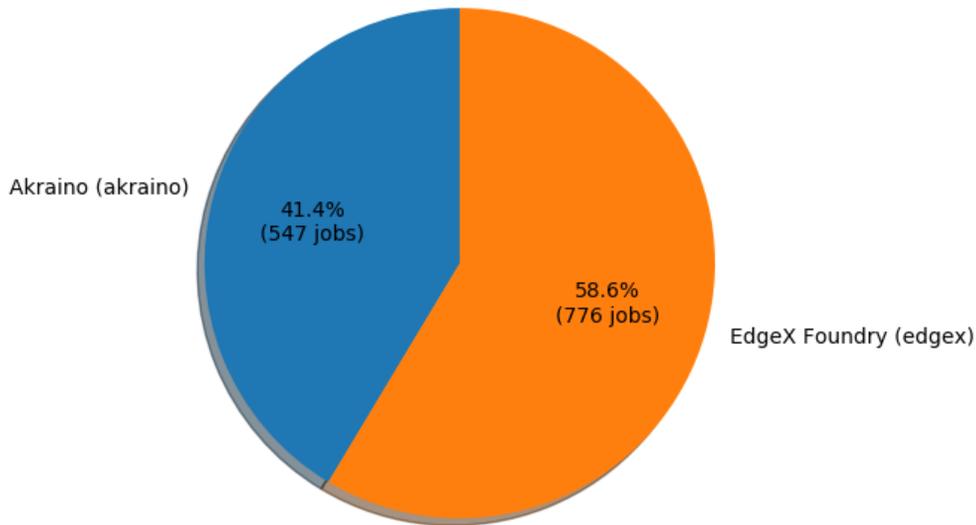


# 07/20 LF Edge July 2020 Report

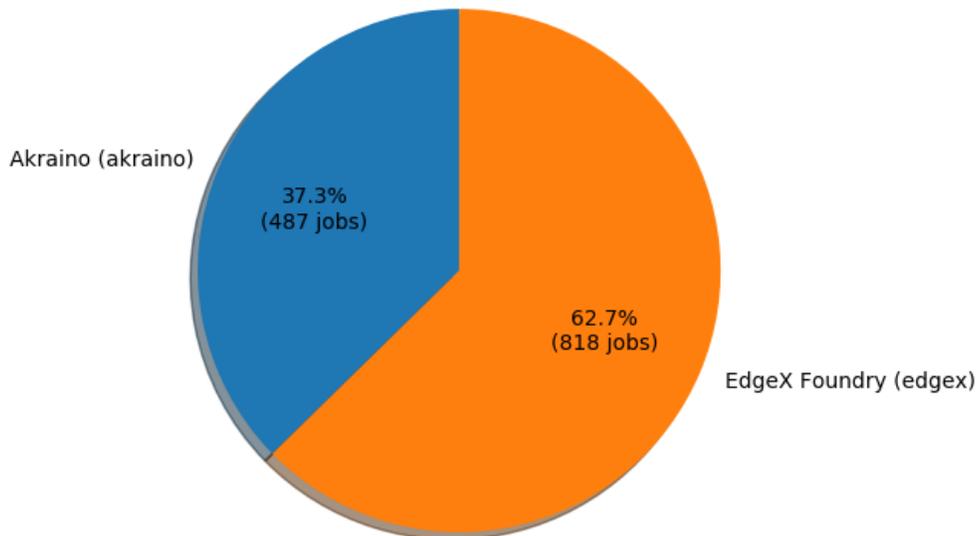
## LF Edge IT Summary - July 2020

### Job Counts

June



July

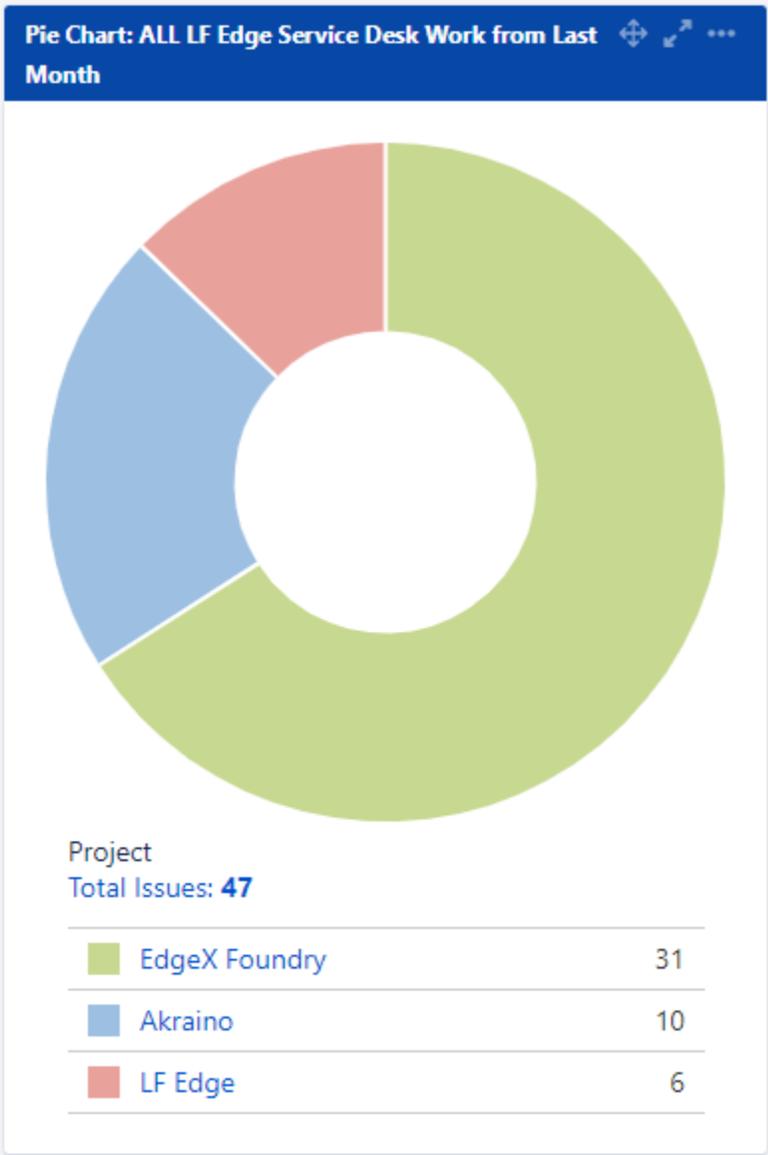


- Notes:

- New Feature of Global Jenkins Job Builder provides build data where available (work in progress)
- 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
- 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.
  - EdgeX job counts are lower than actual due to missing features in many of their jobs

# Charts: LF Edge Dashboard

July 2020 Tickets



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

### Statable Customer Request Type

Total Issues: **47**

Committer rights	11
Additional permissions	10
Make Changes to Existing Service	9
New Repository	7
Get IT help	5
Jenkins Job problems	2
Additional Zoom Accounts	1
New Service Request	1
Release Artifacts	1

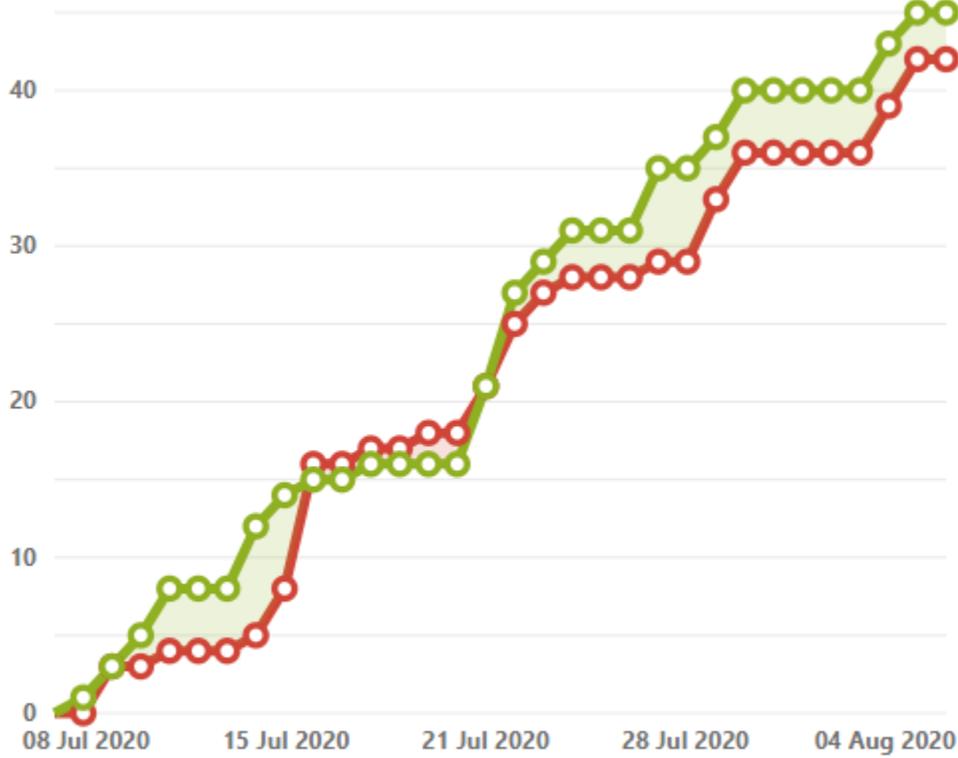
### Epic Link

Total Issues: **16**

Jekins Update 2020	4
AWS Inventory Audit 2020	2
Install and Configure Confluence SAML ...	2
Nexus 3 Upgrades (Q3 2020)	2
Add GitHub support to Self-Service Rele...	1
Migrate Project Gerrits to Auth0	1
Project Status Pages (Q2 2020)	1
Q3 2020 Infra Enhancements and Tech D...	1
Q3 2020 RelEng Enhancements and Tech...	1
Reconfigure Project Jenkins instances for...	1

### LF Edge Work from Last Month (Created vs Resolved)

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

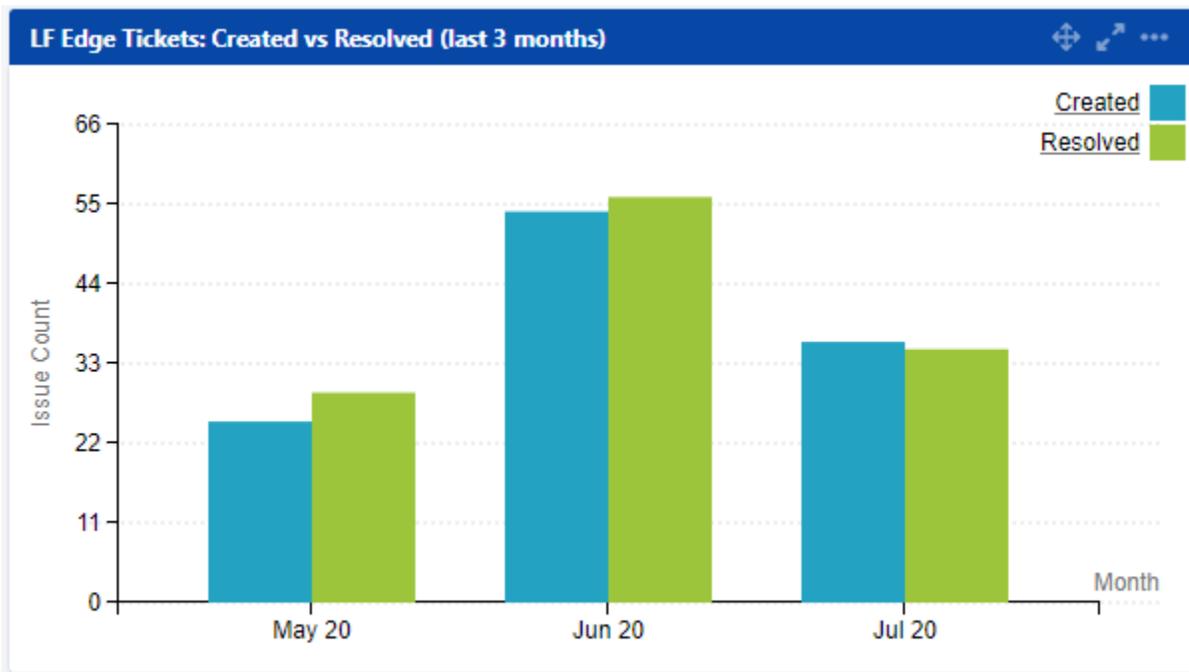


Issues in the last 30 days (grouped daily) [View in Issue Navigator](#)

○ Created issues (42)

○ Resolved issues (45)

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



#### Key Takeaways:

- Worked on 63 LF Edge tickets (47 from Service Desk and 16 from Planned Engineering)
- EdgeX Foundry was the top project with 31 tickets
- Committer rights and Additional permission requests were the highest source of tickets . Jenkins Jobs were stable and reported only 2 issues.
- Jenkins Update, AWS Inventory Audit, Auth0 migration and Nexus reconfiguration were the highest source of planned engineering work.

#### Projects Highlights (July 2020):

- **EdgeX:**
  - Deployed project specific status page.
  - Upgraded Nexus 3 to stable version (3.24.0-02).
  - Updated Jenkins Production and Sandbox environments.
- **Akraino:**
  - Upgraded Nexus 3 to stable version (3.24.0-02).
  - Reconfigured Gerrit ,Confluence, Jira and Jenkins for Auth0 integration.
- **LF Edge (Non-Stage 3 Projects):**
  - Audited and closed all unused AWS instances

## Appendix: Ticket Details

### EdgeX Tickets

Key	Summary	Created	Updated	Assignee	Status	Resolution	Reporter
RELEN G-3008	EdgeX Foundry- Audit AWS Inventory	Jun 11, 2020	Jul 01, 2020	Eric Ball	DONE	Done	Anubha Sinha
RELEN G-3007	EdgeX Foundry- Audit AWS Inventory	Jun 11, 2020	Jun 16, 2020	Unassigned	ARCHIVED	Won't Do	Anubha Sinha
IT-20062	Create new edgexfoundry-holding/external-device-security-examples repo	Jun 29, 2020	Jul 09, 2020	Eric Ball	CLOSED	Done	Colin Hutchinson
IT-20057	see list below	Jun 29, 2020	Jul 08, 2020	Houa Yang	CLOSED	Fixed	Jim White
IT-20046	Archive a GitHub repository	Jun 26, 2020	Jul 06, 2020	Jessica Wagantall	CLOSED	Fixed	Jim White
IT-20038	blackbox-testing edgex-taf docker-edgex-consul edgex-ui-go go-mod-secrets device-sdk-c	Jun 25, 2020	Jul 02, 2020	Jessica Wagantall	CLOSED	Fixed	Jim White

IT-20036	EdgeX Foundry build optimizations - data inquiry related to cost savings	Jun 25, 2020	Jul 17, 2020	Eric Ball	CLOSED	Done	James Gregg
IT-20025	committer access	Jun 23, 2020	Jun 30, 2020	Jessica Wagantall	CLOSED	Done	Jim White
IT-20007	Will lose access to Support and Updates	Jun 22, 2020	Jul 06, 2020	Jessica Wagantall	CLOSED	Fixed	Brett Preston
IT-20004	Remove committers from GitHub Teams	Jun 19, 2020	Jul 01, 2020	Jessica Wagantall	CLOSED	Fixed	James Gregg
IT-20003	Add "Dependabot" to a couple EdgeX Repositories	Jun 19, 2020	Jul 07, 2020	Jessica Wagantall	CLOSED	Fixed	Mike Johanson
IT-19995	Add standard PR template to new repos when created	Jun 18, 2020	Jul 10, 2020	Aric Gardner	CLOSED	Fixed	James Gregg
IT-19990	Please check branch protections on repo	Jun 17, 2020	Jun 24, 2020	Eric Ball	CLOSED	As designed	James Gregg
IT-19988	device-camera-go	Jun 17, 2020	Jun 25, 2020	Aric Gardner	CLOSED	Done	Iain Anderson
IT-19959	Add users to Org	Jun 12, 2020	Jun 19, 2020	Eric Ball	CLOSED	Done	Lenny Goodell
IT-19931	DCO stuck on PR	Jun 10, 2020	Jun 18, 2020	Eric Ball	CLOSED	Fixed	James Gregg
IT-19912	Got permission denied while trying to connect to the Docker daemon socket	Jun 09, 2020	Jun 23, 2020	DW Talton	CLOSED	Fixed	Cherry Wang
IT-19868	Need docker engine with 19.03.0+ version	Jun 04, 2020	Jun 12, 2020	Eric Ball	CLOSED	Done	Jin Lin Guan
IT-19867	Didn't load library edgex-global-pipelines on Jenkins sandbox	Jun 04, 2020	Jun 12, 2020	Houa Yang	CLOSED	Done	Cherry Wang
IT-19861	Access to EdgeX JIRA for eojada	Jun 03, 2020	Jun 11, 2020	Houa Yang	CLOSED	Done	James Gregg
IT-19853	After the recent changes to the Jenkins SSO login service, I lost my ability to manually start jobs	Jun 02, 2020	Jun 10, 2020	Eric Ball	CLOSED	Done	Ernesto Ojeda
IT-19851	Permission denied (publickey) when running automation test	Jun 02, 2020	Jun 09, 2020	Eric Ball	CLOSED	Fixed	Cloud Tsai
IT-19840	Need new repo in edgexfoundry-holding	Jun 01, 2020	Jun 15, 2020	Houa Yang	CLOSED	Fixed	Jim White
IT-19838	Create new edgex-endorsement repo in edgexfoundry-holding	Jun 01, 2020	Jun 20, 2020	Houa Yang	CLOSED	Fixed	Rodney Hess
IT-19829	Reconfigure edgex-global-pipelines on sandbox and prod Jenkins instances	May 29, 2020	Jun 09, 2020	Eric Ball	CLOSED	Done	Ernesto Ojeda
INFRA-5760	Upgrade EdgeX Nexus 3 (again, security)	Jun 29, 2020	Jul 09, 2020	Chris Hoy Poy	DONE	Done	Anubha Sinha
INFRA-5612	Project Status Page for EdgeX	Apr 27, 2020	Jul 08, 2020	Chris Hoy Poy	DONE	Done	Casey Panell
INFRA-5569	Reconfigure EdgeX Nexus 3 for Auth0	Apr 07, 2020	Jun 29, 2020	Chris Hoy Poy	SELECTED FOR DEVELOPMENT	Unresolved	Casey Panell
INFRA-5398	Reconfigure EdgeX Jenkins for Auth0	Mar 11, 2020	Jun 03, 2020	Anton Baranov	DONE	Done	Casey Panell
INFRA-5174	Migrate users to internal directory: EdgeX Confluence	Jan 11, 2020	Jun 01, 2020	Chris Hoy Poy	BLOCKED	Incomplete	Casey Panell
INFRA-5157	Install and Configure SAML add-on for EdgeX Confluence	Jan 11, 2020	Jun 03, 2020	Anton Baranov	DONE	Done	Casey Panell
INFRA-5097	Reconfigure EdgeX Nexus 2 for Auth0	Jan 09, 2020	Jun 01, 2020	Chris Hoy Poy	SELECTED FOR DEVELOPMENT	Unresolved	Casey Panell

32 issues

## Akraino Tickets

Key	Summary	Created	Updated	Assignee	Status	Resolution	Reporter
RELEN G-3000	Akraino- Audit AWS Inventory	Jun 11, 2020	Jul 08, 2020	Eric Ball	DONE	Done	Anubha Sinha
IT-20033	New OpenID secret	Jun 24, 2020	Jul 08, 2020	Eric Ball	CLOSED	Done	Adam LeBlanc
IT-19992	Need to create SILO	Jun 18, 2020	Jul 25, 2020	Aric Gardner	CLOSED	Fixed	Thor Chin
IT-19991	Add UNH ThunderX2-pod2 in Akraino Jenkins	Jun 17, 2020	Jun 25, 2020	Eric Ball	CLOSED	Done	Ciprian Barbu
IT-19982	Unable to login	Jun 17, 2020	Jun 24, 2020	Unassigned	CLOSED	Won't Do	Sheetal Chetan Singala
IT-19973	Unable to login	Jun 16, 2020	Jun 24, 2020	Johnson Nguyen	CLOSED	Won't Do	Sheetal Chetan Singala
IT-19946	Create master branch in TA Gerrit repo	Jun 11, 2020	Jun 25, 2020	Eric Ball	CLOSED	Done	Paul Carver
IT-19929	need to remove some unuseful logs in nexus account	Jun 10, 2020	Jun 19, 2020	Jessica Wagantall	CLOSED	Done	Peng He
IT-19927	Kontour	Jun 10, 2020	Jun 17, 2020	Anil Belur	CLOSED	Fixed	Manik Sidana
IT-19926	Kontour	Jun 10, 2020	Jun 17, 2020	Anil Belur	CLOSED	Fixed	Manik Sidana
IT-19924	external log pushing permissions	Jun 09, 2020	Jun 18, 2020	Jessica Wagantall	CLOSED	Fixed	Alexandru Avadanii
IT-19915	Log for IEC type 5 SmartNIC blue print	Jun 09, 2020	Jun 19, 2020	DW Talton	CLOSED	Fixed	yihui wang
IT-19911	external log pushing permissions	Jun 09, 2020	Jun 17, 2020	Jessica Wagantall	CLOSED	Done	zhigang xiao
IT-19904	Repository request for new project - Kontour	Jun 06, 2020	Jun 16, 2020	DW Talton	CLOSED	Fixed	Manik Sidana
IT-19901	CMCC upload log for IEC	Jun 08, 2020	Jun 16, 2020	DW Talton	CLOSED	Fixed	hanyu ding
IT-19900	Log for IEC Type 5 SmartNIC blueprint	Jun 08, 2020	Jun 16, 2020	DW Talton	CLOSED	Done	yihui wang
IT-19899	<a href="https://gerrit.akraino.org/r/gitweb?p=iec.git;a=blob;f=INFO.yaml;h=cc98ee020caace329b8df6919c2a3ff4fd3eb574;hb=HEAD">https://gerrit.akraino.org/r/gitweb?p=iec.git;a=blob;f=INFO.yaml;h=cc98ee020caace329b8df6919c2a3ff4fd3eb574;hb=HEAD</a>	Jun 08, 2020	Jun 18, 2020	DW Talton	CLOSED	Fixed	hanyu ding
IT-19898	<a href="https://gerrit.akraino.org/r/gitweb?p=iec.git;a=blob;f=INFO.yaml;h=cc98ee020caace329b8df6919c2a3ff4fd3eb574;hb=HEAD">https://gerrit.akraino.org/r/gitweb?p=iec.git;a=blob;f=INFO.yaml;h=cc98ee020caace329b8df6919c2a3ff4fd3eb574;hb=HEAD</a>	Jun 08, 2020	Jun 18, 2020	DW Talton	CLOSED	Fixed	yihui wang
IT-19897	iec	Jun 08, 2020	Jun 19, 2020	DW Talton	CLOSED	Declined	Peng He
IT-19855	<a href="https://gerrit.akraino.org/r/gitweb?p=iec.git;a=tree;f=src/type5_SmartNIC;">https://gerrit.akraino.org/r/gitweb?p=iec.git;a=tree;f=src/type5_SmartNIC;</a>	Jun 03, 2020	Jun 30, 2020	Houa Yang	CLOSED	Fixed	Xuan Jia
IT-19845	aiedge	Jun 02, 2020	Jun 20, 2020	Houa Yang	CLOSED	Incomplete	Hechun Zhang

IT-19821	external log pushing permissions	May 29, 2020	Jun 12, 2020	Jessica Wagantall	CLOSED	Fixed	liya yu
IT-19819	unable to push logs to Nexus via Iftools	May 28, 2020	Jun 04, 2020	Jessica Wagantall	CLOSED	Done	James Li
IT-19794	external log pushing permissions	May 26, 2020	Jun 17, 2020	Anil Belur	CLOSED	Fixed	Thor Chin
IT-19790	external log pushing permissions	May 25, 2020	Jun 03, 2020	Eric Ball	CLOSED	Done	Cl Micromec
IT-19772	need external logs pushing permissions	May 22, 2020	Jun 02, 2020	Eric Ball	CLOSED	Done	Peng He
IT-19717	Telco Appliance Build Timed Out	May 13, 2020	Jun 05, 2020	Eric Ball	CLOSED	Fixed	Paul Carver
IT-19512	icn	Apr 18, 2020	Jun 04, 2020	Aric Gardner	CLOSED	Done	Kuralamudhan Ramakrishnan
IT-19484	Akraino Jira Oauth Token and RSA Keys	Apr 14, 2020	Jun 16, 2020	Eric Ball	CLOSED	Done	Adam LeBlanc
INFRA-5756	Upgrade Akraino Nexus 3	Jun 29, 2020	Jul 13, 2020	Chris Hoy Poy	DONE	Done	Anubha Sinha
INFRA-5677	Reconfigure Akraino Jenkins for Auth0	Jun 04, 2020	Jul 21, 2020	Anton Baranov	DONE	Done	Eric Ball
INFRA-5610	Project Status Page for Akraino	Apr 27, 2020	Jun 08, 2020	Chris Hoy Poy	DONE	Done	Casey Panell
INFRA-5568	Reconfigure Akraino Nexus 3 for Auth0	Apr 07, 2020	Jul 29, 2020	Ryan Day	SELECTED FOR DEVELOPMENT	Unresolved	Casey Panell
INFRA-5546	Gerrit: Auth0 Client Changes for Akraino	Apr 02, 2020	Aug 04, 2020	DW Talton	DONE	Done	Casey Panell
INFRA-5306	Migrate users to internal directory: Akraino Jira	Feb 21, 2020	Jun 01, 2020	Chris Hoy Poy	BLOCKED	Incomplete	Casey Panell
INFRA-5167	Migrate users to internal directory: Akraino Confluence	Jan 11, 2020	Jun 01, 2020	Chris Hoy Poy	BLOCKED	Incomplete	Casey Panell
INFRA-5095	Reconfigure Akraino Nexus 2 for Auth0	Jan 09, 2020	Jul 23, 2020	Ryan Day	SELECTED FOR DEVELOPMENT	Unresolved	Casey Panell

37 issues

## LF Edge (Non-Stage 3 Projects) Tickets

Key	Summary	Created	Updated	Assignee	Status	Resolution	Reporter
RELENG-3011	LF Edge - Audit AWS Inventory	Jun 11, 2020	Jul 01, 2020	Eric Ball	DONE	Done	Anubha Sinha
IT-20026	Fledge -fledge-south-coral-enviro - Change default branch	Jun 23, 2020	Jul 02, 2020	Anil Belur	CLOSED	Fixed	ashwin@diagnostic.com
IT-20013	Fledge - fledge-south-coral-enviro additional committer	Jun 23, 2020	Jun 30, 2020	Jessica Wagantall	CLOSED	Done	ashwin@diagnostic.com
IT-20001	Project Level Tracking	Jun 19, 2020	Jun 29, 2020	Heather Willson	CLOSED	Done	Brett Preston
IT-19998	Fledge - new repo	Jun 18, 2020	Jun 30, 2020	Aric Gardner	CLOSED	Done	ashwin@diagnostic.com
IT-19963	Fledge - new repository	Jun 15, 2020	Jun 24, 2020	Jessica Wagantall	CLOSED	Fixed	ashwin@diagnostic.com

IT-19957	<a href="#">fledge-south-b100-modbus-python &amp; fledge-north-kafka-python</a>	Jun 12, 2020	Jun 19, 2020	Jessica Wagantall	CLOSED	Fixed	Mark Riddoch
IT-19956	<a href="#">Fledge not in list of projects</a>	Jun 12, 2020	Jun 19, 2020	Andrew Grimberg	CLOSED	Fixed	Mark Riddoch
IT-19939	<a href="#">fledge-iot/fledge-north-harperdb</a>	Jun 11, 2020	Jun 18, 2020	DW Talton	CLOSED	Fixed	Mark Riddoch
IT-19916	<a href="#">fledge-iot/*</a>	Jun 09, 2020	Jun 16, 2020	DW Talton	CLOSED	Fixed	Mark Riddoch
IT-19856	<a href="#">baetyl.io domain transfer</a>	Jun 03, 2020	Jun 20, 2020	Johnson Nguyen	CLOSED	Done	Brett Preston
IT-19852	<a href="#">Automated Benchmarks for projects</a>	Jun 02, 2020	Jun 19, 2020	Andrew Grimberg	CLOSED	Fixed	Aaron Don Williams
IT-19836	<a href="https://github.com/baetyl/">https://github.com/baetyl/</a>	Jun 01, 2020	Jun 12, 2020	Jessica Wagantall	CLOSED	Fixed	Leding Li
IT-19827	<a href="#">Enable Issues on fledge-iot/fledge repository</a>	May 29, 2020	Jun 05, 2020	Jessica Wagantall	CLOSED	Fixed	Mark Riddoch
IT-18931	<a href="#">Move GCP plugin repository</a>	Feb 10, 2020	Jun 12, 2020	Aric Gardner	CLOSED	Fixed	Mark Riddoch
INFRA-5614	<a href="#">Project Status Page for LF Edge</a>	Apr 27, 2020	Jun 03, 2020	Anton Baranov	DONE	Done	Casey Panell
INFRA-5168	<a href="#">Migrate users to internal directory: LF Edge Confluence</a>	Jan 11, 2020	Jun 01, 2020	Anton Baranov	BLOCKED	Incomplete	Casey Panell
INFRA-5151	<a href="#">Install and Configure SAML add-on for LF Edge Confluence</a>	Jan 11, 2020	Jun 01, 2020	Anton Baranov	DONE	Done	Casey Panell

18 issues