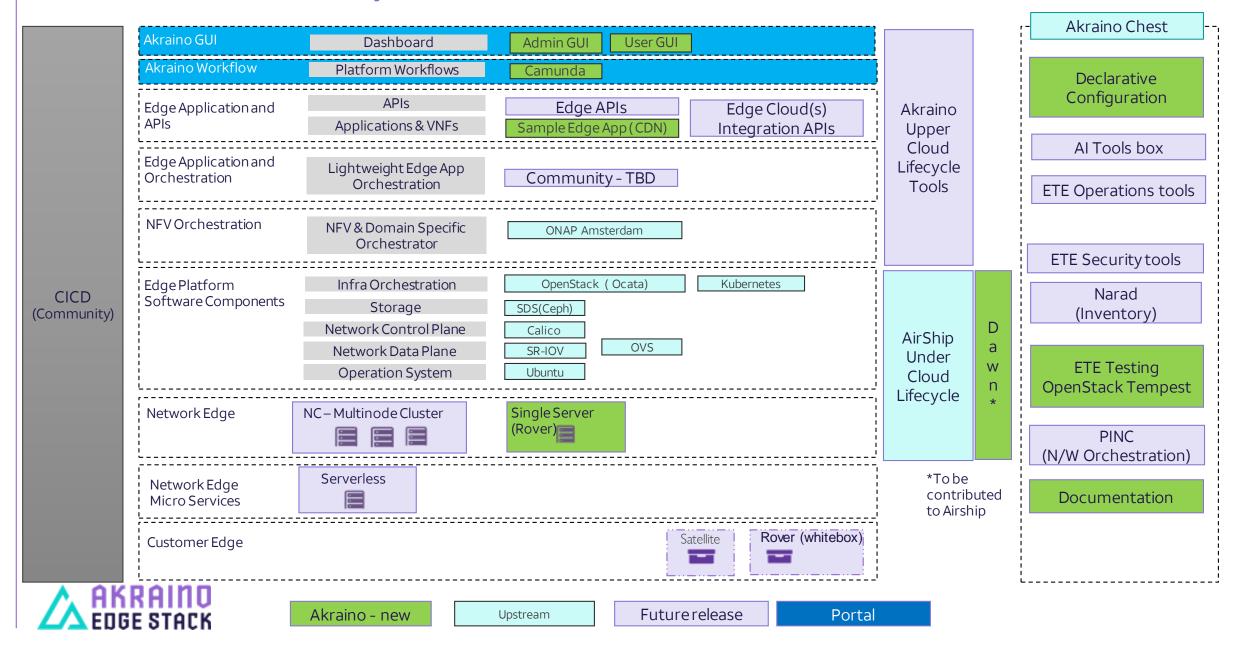
Akraino Feature Project - Portal

Feature	Description	Companies Participating /	Requested Release / Timeline	Informational
		Committers		
Akraino Portal (Dashboard &	Akraino Portal provides user interface to	AT&T	RI	Impacted Blueprint Family -
GUI)	deploy edge sites, install additional software,			Network Cloud
	initiate add-on services, enable testing			
	services, etc.			See next slide for additional details
	Akraino edge stack functionalities are			
	available through self-driven rich user			
	interfaces. Users can log into the web portal			
	and perform various functions supported by			
	the Akraino edge stack solution.			
	2. The latest Akraino release supports: build			
	and deploy of unicycle blueprints and			
	supports deployment of rover blueprints			
	for edge sites. Provides ability to upload			
	input YAML file that contains site specific			
	POD configuration information for build			
	and deploy.			
	3. Additional user driven functionalities are			
	also supported via web portal:			
	a. e2e testing for Tempest to verify open			
	stack installation & readiness			
	b. Installing additional software on edge site			
	such as ONAP, CHOMP			
	c. VNF onboarding where users can			
	onboard a VNF through self driven UI			
	navigation.			
	4. Future plans include integration with			
	other open source tools such as PINC,			
	NARAD to source h/w and n/w info, as well			
	as supporting deployment of future			
	blueprints.			



Akraino Feature Project - Portal



Akraino Portal Architecture

Application architecture

Akraino Portal UI (AngularJS, HTML, CSS, Bootstrap)

Akraino Portal REST API Interface (Spring MVC, Apache Tomcat)

Akraino Rest API
Controller
(Spring MVC, java/j2ee)

Akraino service (Business logic) Akraino
Data
Access
(Springhibernate)

(ApacheDS-LDAP,

WebFilters,

Session Management)

Authentication

Qο

Authorization

Akraino Database (Postgres SQL)



System architecture

