

Serverless Project

Project Technical Lead: Itamar Eshet. Elected 1/17/19.

Project Committers detail:

Initial Committers for a project will be specified at project creation. Committers have the right to commit code to the source code management system for that project.

A Contributor may be promoted to a Committer by the project's Committers after demonstrating a history of contributions to that project.

Candidates for the project's Project Technical Leader will be derived from the Committers of the Project. Candidates must self nominate by marking "Y" in the Self Nominate column below by Jan. 16th. Voting will take place January 17th.

Only Committers for a project are eligible to vote for a project's Project Technical Lead.

Please see [Akraio Technical Community Document](#) section 3.1.3 for more detailed information.

Committer	Committer Company	Committer Contact Info	Committer Bio	Committer Picture	Self Nominate for PTL (Y/N)
Itamar Eshet	AT&T	ie2575@intl.att.com			Y
David Plunkett	AT&T	david.plunkett@att.com			N
Shay Naeh	Cloudify	shayn@cloudify.co			N
Eden Rozin	AT&T	eden.rozin@intl.att.com			N
Yaki Ratz	AT&T	yaki.ratz@intl.att.com			N
Nati Malca	AT&T	nati.malca@intl.att.com			N
Robert Eby	AT&T	eby@research.att.com			N
David Lyle	Intel	david.lyle@intel.com			N

Use Case Details:

Case Attributes	Description	Informational
Type	New Blueprint for Serverless capability at the Edge	
Blueprint Family - Proposed Name	Network Cloud	
Use Case	Provide FaaS (Function as a Service) for Serverless Applications	
Blueprint proposed Name	Serverless	
Initial POD Cost (capex)	Leverage Unicycle POD - less than \$150k	
Scale & Type	Up to 7 servers x86/ARM server or deep edge class	
Applications	Ephemeral event driven transactions for IoT gateway. For example, applications for autonomous cars.	
Power Restrictions	Less than 10Kw	
Infrastructure orchestration	Kubeless Docker 1.13.1 or above / K8 1.10.2 or above- Container Orchestration OS - Ubuntu 16.x Under Cloud Orchestration - Airship v1.0	
SDN	OVS	
Workload Type	Containers	

Additional Details	VerneMQ MQTT Gateway and/or Mosca MQTT Broker Kafka message bus and Webhook/Nginx middleware Kubeless function management engine over Kubernetes Helm chart for platform infrastructure installation integrated with Airship Regional controller based installer for Functions	See attachment for additional details
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Presentation:



Serverless-Bluep...-Family-v1.3.pdf