

IEC Type 2 for Integrated Edge Cloud (IEC) Blueprint Family

Project Technical Lead: Xinhui Li. 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.

Project Scope detail:

Please see [IEC Blueprint](#) and [Xconnect](#) PPT for more detailed information.

Committer	Committer Company	Committer Contact Info	Committer Bio	Committer Picture	Self Nominate for PTL (Y/N)
Song Zhu	Arm	song.zhu@arm.com			N
Trevor Tao	Arm	trevor.tao@arm.com			Y
Yang (Gabriel) Yu	Huawei	gabriel.yuyang@huawei.com			
Alexandru Avadanii	Arm	alexandru.avadanii@enea.com			
Ciprian Barbu	Arm	ciprian.barbu@enea.com			
Cristina Pauna	Arm	Cristina.Pauna@enea.com			
xinhui li	Salesforce	xinhui.li@salesforce.com			Y
Jingzhao Ni	Arm	jingzhao.ni@arm.com			
Jianlin Lv	Arm	Jianlin.lv@arm.com			
Wenhui Zhang	PSU	wenhui@gwmail.gwu.edu			
Tide Wang	Phytium	wanghailong@phytium.com.cn			
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Blueprint species:

Use Case Attributes	Description	Informational
Type	New	
Blueprint Family - Proposed Name	Integrated Edge Cloud (IEC)	
Use Case	Medium deployment of Edge Cloud	
Blueprint proposed Name	IEC Type 2	
Initial POD Cost (capex)	- The defining factor is power consumption < 3000 W - The cost of the POD will depend on peripherals and case	
Scale & Type	A single-board computer that meets the power limit	
Applications	IEC applications	
Power and memory restrictions	- Less than 800 W for the SoC - Less than 256GB of memory	

Infrastructure orchestration	Kubernetes Edge Cloud orchestration/ONAP(optional)	
SDN	Calico container networking, or SR-IOV, OVS-DPDK or VPP-DPDK(Contiv/VPP)	
Workload Type	• Container-based Network Function (CNF)	
Additional Details	Submitter to provide additional use case details	