

Y21 EdgeX Challenge

Edgex Challenge China 2021 is an international hackathon event on EdgeX, hosted by LF Edge. EdgeX Foundry provides IoT and edge computing reference architectures for vertical segments: commerce, health, industrial, logistics, enabling more industry solutions and solving more business challenges. It is Co-hosted by the Linux Foundation, STCSM, BMSTC and ACoZSP, sponsored by Alibaba cloud, Baidu Cloud, Canonical, EMQ, InnoSpace, Intel, IOTech, ThunderSoft, VMware, Zizhu-ET. This Hackathon was held in Shanghai, Beijing and Shenzhen simultaneously but with orchestration in the central. 55 proposals have been obtained before deadline, 26 were selected for the final round.

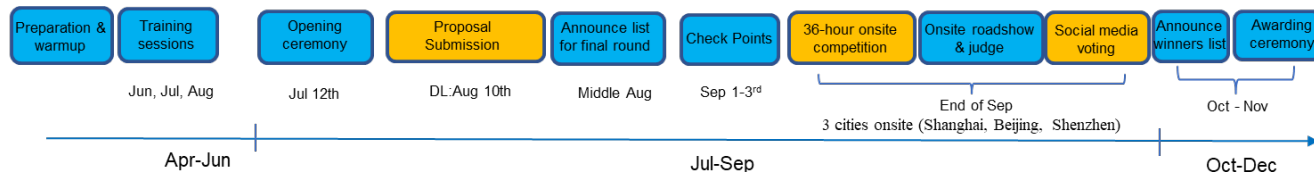
Winners list of the final round

Tracks	Prizes		Winners	Use Cases
Industrial & Logistics	1st	30K¥	Advantech	Smart water pipe control
		30K¥	ZTE	Industrial AGV with 5G
	2nd	20K¥	Changzhou Institute	Truck weighting system & access control
		20K¥	Suzhou Airtou LTD	Building automation
	3rd	10K¥	Nanyang Wanbang	Data collection & analytics for smart cities
	Merit	10K¥	H3C	Water pipe control
Commerce & Healthcare	1st	30K¥	Fanmi	CV based smart community
	2nd	20K¥	Netease	Smart workplace & energy saving
		20K¥	Meijia Robot	CV based anti-COVID lab filtering
	3rd	10K¥	Nanjing Future IOT	Water way monitor and alert
		10K¥	HYDsoft	Intelligent medical cart
		10K¥	JX Intelligence -1	Smart community management
	Future star	5K¥	SUST	Fatigued Driving Detection
Open Source Ingredients	OpenVINO	20K¥	JD digital	Digital signage & smart recommendation system
	EII	20K¥	HYD-soft	Intelligent medical cart
		20K¥	JX Intelligence -2	Unattended on-site monitoring, O&M for industrial
	Baetyl	20K¥	Nanjing Future IOT	AI based waterway monitoring and alert
		20K¥	Netease	Smart workplace & energy saving
	5G AGV	20K¥	ZTE	Industrial AGV with 5G

All proposals are shared on google drive (in Chinese):

<https://drive.google.com/drive/folders/1z5SQLXAYqGB4Lx9pVayHfvFGkTbrTy2k?usp=sharing>

Timeline



Tracks & prizes

Track1 Track2

Prizes	Commerce & Health	Industrial & Logistics	Special prizes for partners' OSS ingredients			
			(maximum 2 ingredients claims, up to 5 additional points for each)			
			OpenVINO	EII	Baetyl	5G cloud AGV
1 st	30,000 RMB *1	30,000 RMB *1	20,000 RMB *2	20,000 RMB *2	20,000 RMB *2	20,000 RMB *2
2 nd	20,000 RMB *1	20,000 RMB *1				
3 rd	10,000 RMB *2	10,000 RMB *2				
Merit	2000RMB*n	2000RMB*n				

Level of sponsorship

Level	Cost		Benefits			
	RMB	USD	Logo exposure on KVnews reports, blogs	Keynote	Judge	OSS ingredients included in EdgeX Hackathon
Strategic partner	200K	30K	Y	Y	Y	Y
Diamond	100K	15K	Y	Y	Y	
Gold	70K	10K	Y	Y		
Silver	35K	5K	Y			

Training Resources

https://zoom.us/j/99970307009?pwd=NzFicjR6bVNsbnRqWTZXWEhrbFhMUT09 Meeting ID: 999 7030 7009 Passcode: 338198	#	a1	a2	a3	a4	a5	
		2-3pm, 6/21/2021	2-3pm, 6/22/2021	2-3pm, 6/23/2021	2-3pm, 7/8/2021	2-3pm, 6/25/2021	
		EdgeX	Baetyl		5GAGV	OpenVINOTM	
		Xiaofeng Huang@Intel	Leding Li@Baidu	Zhang Fan@Intel	Wang Haitao@Intel	Cao Huiyan@Intel	
	P P T	: https://pan.baidu.com/s/1nZPCbC1VlwUx2Vlcy13nQ : vo2r	: https://pan.baidu.com/s/1EeFZF2IZ_O4PJkqITE76tQ : e01t	: https://pan.baidu.com/s/13UmrLC9JtQkdXO1Z8tShuQ : e9fl	: https://pan.baidu.com/s/1vDU9_v41_kxl7b-PodMeXQkhno	: https://pan.baidu.com/s/17W5TJN_Tezincoityc8z_A : q7ul	
https://zoom.us/j/9669970384?pwd=aVdNbjhFdyt2V2xRK09SZFRZSnlzZz09 Meeting ID: 966 9970 3384 Passcode: 018289	#	b1	b2	b3	b4	b5	b6
		10-11am, 7/19/2021	10-11am, 7/20/2021	10-11am, 7/21/2021	10-11am, 7/22/2021	2-3pm, 7/22/2021	10-11am, 7/23/2021
		EdgeX 2.0 & e2e practice of EdgeX	EdgeX Foundry Device Service	Running enterprise-grade Edge applications with EdgeX on Ubuntu Core	Edge.AI deep dive OpenVINO+EdgeX	""	EdgeX Rule Engine - LF Edge eKuiper in Action
		Huaqiao @VMware	Cloud Tsai@IOTech	Taiten.peng @Canonical	Antonio @Intel	@	Huang Jiyong@EMQ
	P P T	: https://pan.baidu.com/s/1JbR8nE4lypegVqmKaRQEAW : 8wb2	: https://pan.baidu.com/s/1cYd1U3hY8h6B-bHUKN7kAA : g5nw	: https://pan.baidu.com/s/1VQ4pdmEMXnMTSxzrIJIOg : qyir	: https://pan.baidu.com/s/1IHE17JQTDitcLIEHd6PYHw : xpex	: https://pan.baidu.com/s/1gRJZupLmFUOV43UlaocCvA : jcwj	: https://pan.baidu.com/s/1QYaBES9c75wmTiS-PSW4dQ : frcg
		https://zoom.us/rec/share/26d_W7ERDsQJ3bk6M8Ol_APpyzzFahRcl3SEglw36vudnw1PaL57vdf7e6To70.tjA8grR54P107y1Q?startTime=1626659967000	https://zoom.us/rec/share/yXk4VeLG_2nW4j0r7fX-W3sUJ16kGU9JK1bb6lgyE1T0mVZhXHU5a7JVbWx6ql1g.N4Z8DLM1P1JGVFn?startTime=1626746541000	https://zoom.us/rec/share/XjelzBJN2vPNjMIRqqgrdoh2-nExA4i88SGKcWjYakLY5NcdnvRwCmtlpmpclWGL1.T2KF2VQcscDJOn2U?startTime=1626832613000	https://zoom.us/rec/share/5JVOCOGN8xCPbhvFW2OTa1GNQPRihBYzOewLghY1kwaYYleU0JVob-Vyy4Wit280.XZCL7m8NQ-utGTF?startTime=1626919530000	https://zoom.us/rec/share/TxIBCadFonmDAS3dvAXiXUuw8ccDPQgtJJBfg3fzJJE2YH9bUdnEuclH65Xq45Cc.531mJxAwTo9w-rL2?startTime=1626933713000	https://zoom.us/rec/share/90s0YkrN8knH8Dss8XFnBsXuNC97Ik64Kz0ovE8pztd_VTVmGr-WgD9gpReal3g.FAtHr0XDUFITWipm?startTime=1627005637000
	#	c1	c2	c3	c4	c5	

	2-3pm,8/23/2021	2-3pm,8/24/2021	2-3pm,8/25/2021	2-3pm,8/26/2021	2-3pm,8/27/2021	
	EdgeX+K8S-Integration with OpenYurt	EdgeX2.0	EII+EdgeX connection	EdgeX		
	Wuming Liu@VMware	Cloud Tsai@IOTech	Zhang Fan@Intel	Jintao Bai@Thundersoft	Xiaofeng Huang@Intel	
P P T	: https://pan.baidu.com/s/1gG7tI7iITELF-LHgEp9d6Q : ef1f	: https://pan.baidu.com/s/1-9d1V5Q-ka6iHEIshsFe8g : 3ni0	: https://pan.baidu.com/s/15xDMQeIZHiW-JwMJ33QNMq : 4dqs	: https://pan.baidu.com/s/1AG4LBfeGwg_ubhp5-qw7hQ : ukk7	: https://pan.baidu.com/s/10EbERnTO6c0JfTpSb6qrLQ : kb1p	
	https://zoom.com.cn/rec/share/FgEdnvuktKqwwlJJZvXR02ykTCHs7gFBQhRuQloL1f8k2Y8Crvu_nRx4BKiv9CXYk.Ds-T89k3_whKhJaS?startTime=1629698559000	https://zoom.com.cn/rec/share/fblstdRYMxOiaH-VYporAoZdmjV0eQ4qHahScr09qOUVQIPO08XkmXtTBjrrlL7A.PtkNSS-bUk_Er5dk?startTime=1629784819000		https://zoom.com.cn/rec/share/8k04w-Slyg6FW-B2x88xiZuVlymiRfSvEeDBpyfNeCb7bgclqSNxj3wyKn5lmh7H._uaDCnCJP7GR5_j6?startTime=1629957429000	https://zoom.com.cn/rec/share/RbDf7d30KGmWfynt-9MrVE51mqPdymBmKJC_dRFJn9KKUI0B6OFJYzIKJW7zgrY.JYDOrm0rUAMglgvW?startTime=1630044052000	