

Enterprise Applications on Lightweight 5G Telco Edge

Former PTL: [Gaurav Agrawal](#) 16 Apr 2020 until 16 Apr 2021

Blueprint species:

Case Attributes	Description	Informational
Type	New	
Blueprint Family - Proposed Name	5G MEC/Slice system Blueprint Family	
Use Case	Lightweight telco edge platform, enabling Enterprise applications on telco edge	
Blueprint proposed Name	Enterprise Applications on Light weight 5G Telco Edge	
Initial POD Cost (capex)	MEC platform: 2 Servers(ARM or X86)	
Scale & Type	Up to several Arm/x86 servers	
Applications	Diverse types of applications in various sectors, not limited to below: Gaming Applications, VR Live broadcasting Industrial park, Campus office etc. Video Orchestration and Optimization Latency Sensitive Application for Enterprise scenarios Etc.	
Power Restrictions	Varies	
Infrastructure orchestration	The cloud/network infrastructure: Containers, lightweight Kubernetes K3s, Kubernetes ecosystem Operating systems: Linux (CentOS, OpenEuler) Container runtime Docker, KubeVirt for VMs	
Workload Type	Containers/VMs	
SDN	Flannel for container networking	
Additional Details	NA	

Blueprint was approved by the TSC on 2 Apr 2020.

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As per the Akraio Community process and directed by TSC, a blueprint which has only one nominee for Project Technical Lead (PTL) will be the elected lead once at least one committer seconds the nomination after the close of nominations. If there are two or more, an election will take place.



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